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Fire Statistics Reporting Manual

(Revised January 1983)

Alberta
LABOUR
General Safety Service Division
Fire Prevention Branch

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FIRE STATISTICS REPORTING MANUAL

(REVISED JANUARY 1983)

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INTRODUCTION

Every year Canada's annual fire loss increases. This is paralleled by the tax burden which efficient municipal fire departments create, but are required to meet the challenge of today's industrial and commercial technology. It is becoming increasingly apparent that a vigorous fire prevention program is needed to reverse this trend. To form the basis of such a program, a system of collecting and tabulating meaningful fire statistics is the prime requirement.

One of the most important aspects in successful fire prevention is the control of development of forms of construction and of the distribution of products and materials in such a way that fire hazards and risks are minimized. Particularly in the field of products and materials, the necessary control is exercised through regulations and standards. Control on forms of construction are recommended in such vehicles as the National Building Code. To effect revisions or adjustment in these areas for reducing fire hazards, a national perspective on fire statistics is important, so that problems requiring attention can be quickly and accurately identified anywhere in the country.

The agreement by all provinces on the objectives for collecting fire statistics and subsequent agreement on the definition of a fire were major steps in the development of the Manual. At the 1963 Meeting of the Association of Canadian Fire Marshals and Fire Commissioners, the following statement was accepted:

> "Fire (loss) records should be maintained to provide (loss) data from which trends may be indicated to measure the effectiveness of fire prevention and fire protection measures presently in practice and to indicate those areas which may require further attention."

In 1977, a Joint Committee of the ACFM & FC and CAFC deleted the word "LOSS" from the accepted statement thus clearing the way for collecting data concerning "PROPERTY AND LIVES SAVED".

The Manual contains the information required for the reporting and recording of fires in order to meet the objectives at the national level. The Committee recommends its principles be adopted by all agencies responsible for the collection, tabulation and dissemination of fire statistics in Canada. It is understood that some agencies may require additional data to be recorded suited to the needs of their own area of jurisdiction and this can be added to the system.

Once the Manual is accepted it will be the responsibility of each province/territory to adopt it. Each authority is to publish its own Manual based on the standard format to ensure that the data produced is compatible on a national basis.

The Manual has been reviewed and updated on the basis of the experience gained in its implementation in various jurisdictions. Specifically, the objectives of such a review to ensure that:

a. concepts and definitions used in the Manual would be strengthened so as to better provide a standardized framework for all jurisdictions on which to report fire statistics,

b. the Manual reflects additional field situations perceived to be of importance;

c. the individual codes in the Manual be easy to understand and would be unequivocal in their meaning so that misinterpretation in their application would be minimized; and

d. to the extent possible, current national data needs of the Fire Marshals/Commissioners and Departments and agencies such as Consumer and Corporate Affairs and National Research Council are reflected.

DEFINITIONS

Fire

Any instance of destructive and uncontrolled burning, including explosion, of combustible solids, liquids or gases. Fire does not include the following, except where they cause fire or occur as a consequence of fire:

a. lightning or electrical discharge;

b. explosions of steam boilers, hot water tanks or other pressure vessels due to internal pressure and not to internal combustion;

c. explosions of ammunition or other detonating material;

d. accidents involving ship, aircraft, or other vehicle;

e. forest;

f. grass or brush and rubbish except for harvestable products; and

g. overheat condition.

NOTE: This definition restricts fire incidents to be reported nationally to those which cause deaths or injuries or which destroy or damage property having a value that may be expressed in terms of dollars. The system provides for the collection of information on losses such as brush fires, etc. that may be of use to local authorities. For the purpose of the exclusion in e. and f. above, forest, grass or brush fires are defined as free burning fires in wooded or open country where only natural elements are destroyed. Overheat is described as alteration of material by heat without self-sustained combustion. Removal of the heat source will stop the alteration process. It may also be described as the stage before ignition. Examples are: an overcooked roast in the oven or discolouration caused by hot metal on a kitchen counter or a cigarette scar on a table or on a carpet.

Exposure Fire

An exposure fire occurs as a direct consequence of a fire originating in either:

a. a completely detached segregated building, structure or facility; and

b. an outside open area.

Separate reports are required for the originating fire and all exposure fires.

Note: If a building fire ignites a vehicle parked nearby, the vehicle fire becomes an exposure fire. If a building fire results from a vehicle collision, the building fire is classified as an exposure fire. If a vehicle is parked in the structure, it is not a separate fire but part of the contents. A fire in a garage

attached to a residence is NOT a separate fire any more than the various stores in a shopping centre or various apartments in an apartment building. If a building fire results from the spread of a forest, brush, or rubbish fire, the building fire is considered to be an exposure fire.

Fire Death & Fire Injury

Fire deaths and fire injuries requiring medical treatment shall be recorded as those due to accidents listed in accordance with Accident Categories E890 to E899 of the Manual of the International Classification of Diseases, Ninth Revision of the World Health Organization. Fire deaths reported should be verified with those reported to the Vital Statistics Section of the Provincial Governments.

a. Fire Death (Civilian)

A person killed accidentally as a direct result of a fire or a person who dies from a fire injury within one year following the date on which the injury was sustained, providing the person was not a member of a fire department.

Note: A person who dies from burns or asphyxia in a vehicle as a result of a collision is NOT considered a fire death. A person who is known to have committed suicide by burning or asphyxia is NOT considered a fire death. A person who dies in an incendiary fire which has been set for the specific reason of killing him is considered to have been murdered and is NOT considered a fire death. A person who dies by accident as a result of an incendiary fire is considered to be a fire death. When there is doubt about suicide or murder, the person shall be classified as a fire death.

b. Fire Action Death (Fire Fighter)

A member of a fire department killed accidentally while in the process of fighting a fire or who dies from a fire action injury within one year following the date on which the injury was sustained.

Note: A firefighter killed as a result of an accident while en route to or returning from the scene of an actual fire or who dies from an injury received in such an accident, is considered to be a fire action death.

c. Fire Injury (Civilian)

A person accidentally injured as a direct result of a fire unless this person is a member of a fire department.

Note: The applicable interpretations above for fire death also apply to the fire injury.

d. Fire Action Injury (Fire Fighter)

A member of a fire department accidentally injured while in the process of fighting a fire.

Note: A firefighter injured as a result of an accident while en route to or returning from the scene of an actual fire is considered a fire action injury.

e. Types of Injuries

Fire injuries and fire action injuries fall under three categories.

(1) Minor Injury - An injury that does not require hospitalization of over a 24-hour period or absence from work of not more than one full day.

(2) Light Injury - An injury that requires admission to a hospital of over 24 to 48 hours and/or absence from work for a period of two to fifteen days.

(3) Serious Injury - An injury that requires admission to a hospital for a period of more than 48 hours and/or an absence from work for a period exceeding fifteen days.

Property Loss by Fire

Cost of actual damages to property.

Note: Only direct losses from fire, smoke, gas, explosion, or damages associated with fire fighting operations. This excludes loss of good will, loss of sales and other losses due to interruption of business or vacating of a home. In accordance with Canadian insurance practices, damages and/or destruction of buildings and installed equipment are estimated and reported at actual replacement value. Fire chiefs must use the same criteria in estimating damages.

INCIDENT INFORMATION

DATE AND TIME OF INCIDENT (I.S.O. METRIC DATE, TIME GROUP)

Date and time of incident refers to the year, the month of the year, the day of the month, day of the week, and hour of the day, and should be coded as indicated in subsection below.

Day of Month:

01-31 Use Date

Month of Year:

JAN-DEC Use first three letters of the month

Year:

01-99 Use last two digits of the year.

Day of Week:

SUN-SAT Use first three letters of the day

Hour of Day (Time):

01-24 Use the nearest hour based on the 24 hour clock, except for those fires occurring between 0001 and 0030 (use 01).

MUNICIPALITY WHERE INCIDENT OCCURED

Enter the

a. County/MD/ID//SA

b. City/Town/Village/Community

INCIDENT SITUATION

Incident Situation refers to the situation that gave rise to the emergency condition. Whereas in most cases the Incident will be fire, fire departments are called for a large number of other emergencies which should be coded according to one of the classifications listed below.

CODES:

10 FIRE (with dollar loss)
11 NO ALARM FIRE (not responded to by fire department)
12 RUBBISH OR GRASS FIRE (no dollar loss)

20 EXPLOSION (no fire)
21 RUPTURED (steam pipes)

22 RUPTURED (boiler)
23 RUPTURED (water pipes)
24 RUPTURED (gas pipes)

30 RESCUE (miscellaneous)
31 VEHICLE ACCIDENT
32 BUILDING COLLAPSE
33 INDUSTRIAL ACCIDENT
34 HOME ACCIDENT
35 RESUSCITATION CALL (respiratory emergency)
36 RESUSCITATION CALL (heart attack)
37 RESUSCITATION CALL (miscellaneous)
38 RESUSCITATION CALL (dead on arrival)
39 RESUSCITATION CALL (other than listed - describe)

40 PUBLIC HAZARD (gasoline or fuel washdown)
41 PUBLIC HAZARD (gasoline or fuel spill - standby situation)
42 PUBLIC HAZARD (toxic chemical spill)
43 PUBLIC HAZARD (power line down)
44 PUBLIC HAZARD (radiation leak)
45 PUBLIC HAZARD (bomb removal standby)
46 PUBLIC HAZARD (hazardous object removed)
49 PUBLIC HAZARD (miscellaneous)

50 GAS LEAK (natural gas)
51 GAS LEAK (propane)
52 GAS LEAK (refrigeration)
59 GAS LEAK (miscellaneous)

60 PUBLIC SERVICE (citizens locked in/out)
61 PUBLIC SERVICE (citizens trapped in elevators)
62 PUBLIC SERVICE (first-aid)
63 PUBLIC SERVICE (assist police or other agency)
69 PUBLIC SERVICE (miscellaneous)

70 ALARM NO FIRE (accidental miscellaneous)
71 ALARM NO FIRE (smoke or steam mistaken)
72 ALARM NO FIRE (sprinkler - surge or discharge)
73 ALARM NO FIRE (detector activated)
74 ALARM NO FIRE (fumigation)
75 ALARM NO FIRE (unknown odours investigated)
79 ALARM NO FIRE (miscellaneous)

80 FALSE ALARM (telephone)
81 FALSE ALARM (municipal alarm system)
82 FALSE ALARM (internal or local alarm system)
83 FALSE ALARM (verbal report to fire station)
89 FALSE ALARM (miscellaneous)

90 INCIDENT SITUATION UNCLASSIFIED

INCIDENT LOCATION

Data may be captured by recording such information as:

a. TWP, Range and Meridian if fire occured in a rural area.
b. Street addresses where possible for cities, town and villages.

OCCUPANT

Use this heading for recording:

1. Occupants other than the owner.

2. Insured persons losses even though they are not personnally involved. (For example, a claim may be made for losses sustained to personal property lost in a fire involving premises that are not occupied by insured. This might be a fur coat stored in a fur vault or a camera claimed for if destroyed in a fire while in a repair shop.)

Enter occupant's surname and initial(s). Indicate in the box provided whether or not property lost by occupant is insured. Enter "same address" if occupant lives at location of fire. If this is the occupant's business place, enter home address.

If there are several insured persons with losses an attachment listing the appropriate information is acceptable. If the occupant is the owner and there are no other insured persons with losses leave this line blank.

OWNER

Enter surname, initial(s) and address. Indicate in the box provided whether or not property lost by owner is insured.

VEHICLES/APPLIANCES/EQUIPMENT

Use this heading if loss is to a vehicle, electrical appliance, etc. Complete this information where available.

DOLLAR LOSS

Loss shall be recorded as the estimate of the damage caused by the fire. The loss includes damage to property and contents. Such loss shall not exceed the cost of repair and replacement on a like kind and quality basis.

Loss shall only include direct loss caused by fire, including salvage, but not indirect loss due to "use and occupancy", business interruption, or fire fighting costs.

Car or truck fires, machinery fires, etc. should be classed under line 06 "Buildings", unless contained within a building in which case they would then form part of "Contents" - line 07.

For purposes of recording this information, record the amount in dollars.

CASUALTIES

Indicate the number of men, women and/or children injured or killed in the fire incident. Also enter the total number of injuries and/or deaths. (See definition of death and injury in the "Definition" section).

Anyone under the age of 16 is to be classed as a "child".

A fire casualty report (Form CF42) is required to be submitted in duplicate for each injury or death.

PROPERTY DESCRIPTION

Property Description contains two sections which are intended to be used together to describe where fires occur.

A restaurant fire in a hotel or a clothing store fire in a shopping plaza are examples which reflect the need to capture two elements of information. If only hotel information is collected, the restaurant data will be lost. Similarly if only shopping plaza data is collected then clothing store information is lost. The use of two code sections will allow the user to capture both hotel and restaurant in the first example and clothing store and shopping plaza in the second example.

Major Occupancy refers to the hotel and the shopping plaza in the above examples while Property Classification refers to the restaurant and the department store.

CLASSIFICATION OF PROPERTY WHERE FIRE ORIGINATED

The term "property" under this classification denotes the type of use made of the area within a building, structure or other facility where the fire occurred. If two or more properties within a building, structure or other facility are involved in a fire, code the property where fire originated.

The tabulation of the fire loss data using Property Classification will reveal the risk factors associated with the different types of properties.

100. ASSEMBLY:

Property for the gathering of persons for civic, political, travel, religious, social, educational or recreational purposes. Such property is characterized by the presence or potential presence of crowds, with attendant panic hazard.

110. THEATRE, STUDIO, AUDITORIUM

111. Legitimate theatre. Includes combined live and movie.
112. Motion picture theatre. Excludes drive-in theatre which is classified under 113.
113. Drive-in motion picture theatre.
114. Auditorium, concert hall.
115. Radio, TV studio.
116. Motion picture studio. Excludes film processing which is classified under 697.
119. Theatre, Studio, Auditorium - unclassified (describe).

120. AMUSEMENT, RECREATION PLACE (EXCLUDING SOCIAL, SPORT CLUBS)

121. Bowling alley.
122. Billiard centre, pool hall.
123. Ice rink.
124. Amusement centre. Includes amusement hall, such as shooting gallery, penny arcade, bingo hall, exhibition stand, fair stand,

dance studio. Excludes bowling establishment, billiard centre classified under 121 and 122 respectively.

125. Swimming facility.
126. Ballroom, gymnasium. Includes dance hall, community hall.
127. Exhibition hall, exposition hall. Includes general use large open hall without fixed seating facilities, armoury.
128. Arena, stadium, amusement/entertainment tent.
129. Amusement, Recreation Place - unclassified (describe).

130. SCHOOL, COLLEGE, UNIVERSITY

When a school, college or university building also contains dormitories and other residential occupancies, classify under group 360.

131. Nursery school, kindergarten, pre-kindergarten operating 4 hours a day or less. Excludes day child-care centre operating over 4 hours, classified under 233.
132. Elementary school. Includes combined kindergarten/elementary.
133. High School. Includes combined senior, intermediate and junior; and combined high/elementary.
135. Industrial trade, technical school.
136. Business, secretarial, commercial school.
137. Rehabilitation school (attendance by choice).
138. College, university.
139. Educational Facility - unclassified (describe).

140. CHURCH, FUNERAL PARLOUR

141. Church, chapel.
143. Church hall. Includes hall for fellowship meetings and offices, kitchens and classrooms contained within the structure.
144. Funeral parlour. Includes crematorium, funeral home, and undertaking premises.
149. Church, Funeral Parlour - unclassified (describe).

150. CLUBS, SOCIAL, SPORT

151. Club in physical recreation complex. Includes city club facilities without sleeping accommodation, such as athletic, lodge, social steam bathing, health, boys and girls. If sleeping accommodations are present, classify under group 300.
152. Country club. Includes country club facilities such as golf, tennis, rifle, hunting, fishing, beach and riding.
153. Yacht club. Includes boating and club facilities. Excludes marina and boat mooring; repairing and refuelling facilities classified under 785, 682 and 577 respectively.
159. Club, Social, Sport - unclassified (describe).

160. MUSEUM, ART GALLERY, LIBRARY

161. Library.
162. Museum. Exclude if contained in a historic building, classify under 164.
163. Art gallery.

164. Historic building.
165. Monument, memorial building.
169. Museum, Art Gallery, Library - unclassified (describe).

170. FOOD OR BEVERAGE ESTABLISHMENT

Excludes establishments serving food or beverages for consumption off the premises classified under Group 510.

171. Restaurant. Includes eating places specializing in food primarily for consumption on the premises, such as cafeteria, cafe, diner with table or automatic service.
172. Nightclub. Includes places specializing in food and drink, but may have dancing or entertainment, and key club and supper club.
173. Tavern. Includes places specializing in the sale of alcoholic beverages for consumption primarily on premises, with food as a minor supplement only.
174. Drive-in lunchroom. Includes places specializing in quick service for food, or beverages, such as lunch counter, drive-in food or beverage establishment.
179. Food or Beverage Establishment - unclassified (describe).

180. PASSENGER TERMINAL, STATION

Includes incidental freight handling.

181. Airport passenger terminal.
182. Heliport, helistop, passenger terminal.
183. Bus terminal. Includes terminal for airlines, limousine and downtown airline terminal building.
184. Railway station.
185. Subway station.
186. Elevated station.
187. Marine passenger terminal.
189. Passenger Terminal, Station - unclassified (describe).

190. MISCELLANEOUS

191. Court room.
192. Legislative hall.
199. Assemblies Miscellaneous - unclassified (describe).

200. INSTITUTIONAL

Property for medical treatment, or care of persons suffering from illness, disease or infirmity, for the care of infants, convalescents or aged persons and for penal or corrective purposes. Institutional buildings ordinarily provide sleeping facilities for the occupants, and are principally used by persons whose actions are restrained.

210. PRISON, JAIL, REFORMATORY

211. Prison, penitentiary for men (cell blocks).

212. Prison, penitentiary for women (cell blocks).
213. Jail, municipal or provincial.
214. Reformatory, juvenile detention home.
215. Adult detention camp (minimum security type).
216. Vocational rehabilitation centre (attendance by direction).
217. Police station, building with or without lock-up facilities.
219. Prison, Jail, Reformatory - unclassified (describe).

220. HOME FOR THE AGED

221. Home for the aged with nursing staff.
222. Home for the aged without nursing staff.
229. Home for the Aged - unclassified (describe).

230. CHILD CARE

231. Children's home, orphanage.
232. Child-care hospital, used solely for the treatment of children.
233. Children's day centre, care of pre-school age children, operating more than 4 hours a day. If operating 4 hours a day or less, classify under 131.
239. Child Care - unclassified (describe).

240. HOSPITAL, SANATORIUM, CLINIC

241. General hospital.
242. Sanatorium, sanitarium, nursing or convalescent home.
243. Institution for the blind, deaf or dumb.
244. Mental hospital, used solely for the treatment of mental patients, otherwise classify under 241.
245. Clinic, clinic type infirmary. Excludes medical office building classified under 414.
249. Hospital, Sanatorium, Clinic - unclassified (describe).

290. MISCELLANEOUS

299. Institutional Miscellaneous - unclassified (describe).

300. RESIDENTIAL

Property in which sleeping accommodation is provided for normal residential purposes. Includes all buildings designed to provide sleeping accommodation except those classified under institutional. Subdivisions in this category are divided according to life hazard potential. Names and legal definitions may be different from those given here, but the categories have a significant difference from the fire and life protection standpoint. Properties are to be classified by actual use and not by what the property owner calls them. Thus a 'motel' on a sign may be a hotel, an apartment, or a rooming house, depending upon the use.

310. ONE-AND TWO-FAMILY DWELLINGS

Private dwelling occupied by members of one or two families with rooms rented to not more than three outsiders. If a business or other occupancy is

contained in the building, classify under 321. Parking garages for one and two family dwellings whether attached or detached, are classified under 781.

311. Dwelling, year-round use (1-family).
312. Dwelling, seasonal use - in season (1-family), includes summer cottage.
313. Dwelling, seasonal use - off season (1-family).
314. Dwelling, year-round use (2-family).
315. Dwelling, seasonal use - in season (2-family).
316. Dwelling, seasonal use - off season (2-family).
317. Dwelling, farm (1-family).
318. Dwelling, farm (2-family).
319. Dwelling, one and two-family - unclassified (describe).

320. APARTMENT, TENEMENT, FLAT

Property providing living quarters for families living independent of each other with independent cooking facilities, whether designated as apartment houses, tenements, garden apartments, townhouses, rowhouses, or by other names. Apartment hotels shall be classified under Group 340 because they are potentially subject to transient occupancy like that of hotels.

An essential difference between hotels and apartments is in the fact that the apartments are generally subject to continuing occupancy by the same person for a sufficient length of time so that most occupants may be assumed to be familiar with the building and its exit facilities.

Parking garages exclusively for tenants, whether attached or detached, are classified under 781. Other parking garages are classified under 782.

321. Apartment, Tenement, Flat - 1 or 2 units with business.
322. Apartment, Tenement, Flat - 1 or 2 units without business.
323. Apartment, Tenement, Flat - 3 to 20 units with business.
324. Apartment, Tenement, Flat - 3 to 20 units without business.
325. Apartment, Tenement, Flat - over 20 units with or without business.
329. Apartment, Tenement, Flat - unclassified (describe).

330. ROOMING, BOARDING, LODGING HOUSE, HOSTEL

Property under one management in which separate sleeping rooms are rented for a total of not more than 15 persons, on either a transient or permanent basis, with or without meals, but without separate cooking facilities for individual occupants. When rooms are rented for not more than three persons, classify under Group 310, for over 15 persons, classify under Group 340.

331. Rooming, Boarding, Lodging House - 4 to 8 roomers or boarders.
332. Rooming, Boarding, Lodging House - 9 to 15 roomers or boarders.
339. Rooming, Boarding, Lodging House - unclassified (describe).

340. HOTEL, INN, LODGE (INTERIOR ENTRY ONLY TO INDIVIDUAL UNITS)

Property under one management in which there is sleeping accommodation for hire for more than 15 persons, primarily used by transients who are lodged

with or without meals, whether designated as a hotel, inn, club or other similar occupancy. Apartment hotels shall be classified as hotels because they are potentially subject to transient occupancy like that of hotels. For buildings with exterior entry to all individual units, and with a maximum of 4 stories, classify under Group 350. For less than 15 persons, classify under Group 330.

341. Hotel, Inn, Lodge - year round use.
342. Hotel, Inn, Lodge - seasonal use - in season.
343. Hotel, Inn, Lodge - seasonal use - off season.
344. Hotel, Inn, Lodge - dormitory type.
349. Hotel, Inn, Lodge - unclassified (describe).

350. MOTOR HOTEL, MOTEL (DIRECT EXTERIOR ENTRY TO ALL INDIVIDUAL UNITS)

Property or group of buildings under one management of 4 stories or less, with direct exterior entry to each unit and no interior entry, primarily used by transients who are lodged with or without meals, whether designated as a hotel, inn, club, motel, tourist cabin, or any other related occupancy.

351. Motor Hotel, Motel - fewer than 3 units. Includes tourist cabin.
352. Motor Hotel, Motel - 3 - 20 units.
353. Motor Hotel, Motel - over 20 units.
359. Motor Hotel, Motel - unclassified (describe).

360. DORMITORY

Building where sleeping accommodation is provided over an extended period for persons not members of the same family group, in one room or in a series of closely associated rooms under joint occupancy and single management, with or without meals. Use 344 for transient dormitory type.

361. School, college or university dormitory.
362. Fraternity, sorority, social club.
363. Nurse's residence.
364. Military barracks.
365. Dormitory - convent, monastery or other religious dormitories.
366. Bunkhouse and workers' barracks.
369. Dormitory - unclassified (describe).

370. MOBILE HOME, TRAILER

A mobile home is a mobile structure designed as a semi-permanent family unit. A travel trailer is a mobile unit designed as a temporary family unit. A camping trailer is a collapsible mobile unit designed as a temporary unit. A motor home is a mobile family unit, permanent or temporary containing its own motive power.

371. Mobile home (1 or 2-family units).
372. Houseboat.
373. Travel trailer.
374. Camping trailer.
375. Motor home.
376. Camper on or off truck.

377. Tents.
379. Mobile Home, Trailer - unclassified (describe).

390. MISCELLANEOUS - RESIDENTIAL

391. Children's playhouse.
399. Residential Miscellaneous - unclassified (describe).

400. BUSINESS AND PERSONAL SERVICE

Business and personal services means the occupancy or use of a building or part thereof for the transaction of business or the rendering or receiving of professional or personal services.

410. OFFICE

411. General business office.
412. Civic, federal or provincial government office. Includes local and county government offices. Excludes Post Office classified under 417.
413. Bank.
414. Medical, health, research or scientific office. Excludes laboratories classified under Group 910.
415. Engineering, architectural and technical office. Includes permanent office building of contractor. Excludes contractor's and parts storage location classified under 837.
416. Mailing, photocopy company. Includes duplicating, blue-printing, photostating, addressing, mailing or stenographic services compiling and selling classified mailing lists.
417. Post office. Includes all postal handling facilities. Excludes mail boxes classified under 816. Excludes general administrative office building of postal department classified under 412.
418. Document centre, record repository. Includes archives.
419. Office - unclassified (describe).

420. PERSONAL SERVICE

421. Barber shop or hairdressing establishment.
422. Beauty parlour.
429. Personal Service - unclassified (describe).

430. ELECTRONIC EQUIPMENT

431. Computer, electronic data processing centre.
432. Electronic data records storage.
439. Electronic Equipment - unclassified (describe).

490. MISCELLANEOUS

499. Business and Personal Services Facility Miscellaneous - unclassified (describe).

500. MERCANTILE

Mercantile occupancy means the occupancy or use of a building or part thereof for the displaying or selling of retail goods, wares or merchandise.

Mercantile property generally has a capacity for a large number of people and usually has a display and sale area that is large in relation to the storage area. Office, storage and service facilities incidental to the sale of mercandise and located in the same building are included with mercantile property.

510. FOOD, BEVERAGE SALE

Sale of food and beverages for consumption off the premises is included here. The sale of food and drinks for consumption on the premises is classified under Group 170.

511. Supermarket, store selling a broad line of food items and some non-food items and covering 1000 m^2 or over in total area.
512. Market, grocery stores, selling a broad line of food items and some non-food items and covering less than 1000 m^2 in area.
513. Specialty food store, store specializing in a few basic food items with supplementary items for customer convenience, includes meat, fish, candy, bakery, gourmet shop, and roadside farm produce stand and counter.
514. Liquor, beverage store
515. Creamery, dairy store, includes ice cream store stand.
516. Delicatessen. Sale of prepared food mainly for consumption off the premises. Excludes drive-in which is classified under 174.
519. Food, Beverage Sale - unclassified (describe).

520. TEXTILE, WEARING APPAREL SALE

521. Clothing store, sale of wearing apparel, new or used clothing rental shops. Includes sale of accessories incidental to clothing. Excludes shoe store or fur store classified under 522 and 525 respectively.
522. Clothing accessories, shoe store. Includes sales of ties, shoes, shirts, hats and related items.
525. Fur store. Excludes fur departments in stores with a broad line of goods classified under 581 and the storage of fur garments classified under 728.
526. Dry goods store. Includes all sales of dry goods, yard goods and piece goods.
529. Textile, Wearing Apparel Sale - unclassified (describe).

530. FURNITURE, APPLIANCE, HARDWARE SALES

531. Furniture store. Includes sales of all new and used furniture, office furniture and large non-desk top type equipment, such as water coolers. Excludes furniture departments of large multi-departmental store which is classified under 581 and office supply and desk-top office equipment sales classified in 541.

532. Appliance store. Includes associated repair department. Excludes appliance repair shop without sales classified under 562.
533. Hardware store.
534. Music store.
535. Wallpaper, paint store.
536. Rug, floor covering store.
539. Furniture, Appliance, Hardware Sales - unclassified (describe).

540. BOOKS, NEWSPAPERS, DRUGS, SPECIALTY SALES

541. Book, stationery store. Includes new and used books, office supplies and desk top equipment.
542. Newstand, tobacco shop.
543. Drug store, with pharmacist on duty usually during operating hours. Excludes drug store without a pharmacist classified under 582.
544. Jewellery store, includes jewellery and watch repair shops and associated gift sales.
545. Gift shop. Excludes jewellery and watch repair classified under 544.
546. Leather goods shop. Excludes shoes which are classified under 522.
547. Florist shop, greenhouse.
548. Optical goods sales.
549. Books, Newspapers, Drugs, Specialty Sales - unclassified (describe).

550. RECREATION, HOBBY SUPPLIES

551. Hobby, toy shop. Excludes sporting goods, and photographic goods classified under 552 and 553 respectively.
552. Sporting goods sales, bicycle sales and repairs. Includes sale of firearms, ammunition and tents. Excludes sportswear shop which is classified under 521.
553. Photographic supply sales and still picture studios. Includes incidental processing. Excludes plant processing of films classified under 697.
554. Garden supply store.
555. Lumber, retail sales. Includes lumber distribution centres often of the supermarket type, with sale of related home repair supplies. Excludes lumber yards used principally for storage which are classified under 751.
556. Pet store, animal hospital. Includes kennels.
557. Art supply sales.
558. Fire works sales. Includes both temporary and permanent locations.
559. Recreation, Hobby Supplies - unclassified (describe).

560. REPAIR SHOP, LAUNDRY, DRY CLEANER

561. Furniture repair or upholstery without sales. Excludes repair with sales classified under 531.
562. Appliance repair shop. Includes shops for repair of appliances without sales. Excludes repair with sales classified under 532.

563. Laundry (self-serve).
564. Laundry, dry cleaner. Includes shops for the pick-up of laundry and dry cleaning with little or no processing on the premises. If processing is done on the premises classify under 696.
565. Shoe repair shop.
566. Home maintenance service.
567. General maintenance shop. Includes aircraft maintenance and railroad repair.
568. Tailor, dressmaking shop.
569. Repair Shop, Laundry, Dry Cleaner - unclassified (describe).

570. MOTOR VEHICLES, BOATS, SALES AND SERVICE

571. Public service station. Includes fuel service facilities such as gasoline, diesel fuel and LP gas dispensing with associated lubritorium and wash facilities. Excludes marine service station classified under 577.
572. Private service station. Includes private or fleet vehicle refueling where an employee fuels vehicle himself, such as transit company garages, trucking company yards or farms.
573. Motor vehicle repair garage, vehicle paint shop. Excludes car washing facilities classified under 578.
574. Motor vehicles and trailer sales. Includes farm implements and motorcycles.
575. Motor vehicle accessory sales.
576. Boat sales, pleasure craft. Excludes marinas or boat repair yards classified under 785 and 682 respectively.
577. Marine service station, refuelling station.
578. Car wash facility.
579. Motor Vehicles, Boats, Sales and Service - unclassified (describe).

580. DEPARTMENT, VARIETY STORE

Stores selling a wide range of items

581. Department stores have many separate lines of goods but to be classified here the store must have a furniture department.
582. Small variety store. Includes stores of 1000 m^2 or less in area with a wide range of goods but no furniture department; "drug store" without a pharmacist; second hand or surplus stores.
583. Large variety store. Includes store of over 1000 m^2 in area with a wide range of goods but no furniture department.
584. Mail order store, catalogue store. Includes display areas regardless of size. Classify under 581 when the mail order section is a small section of a large store.
585. Mall. Includes only the public area common to the multi-store facility.
589. Department, Variety Store - unclassified (describe).

590. MISCELLANEOUS - MERCANTILE

591. Professional supply sales. Includes sales of stethoscopes, hospital supplies, special tools, engineering instruments, and

other professional supplies.

592. Trade supply sales. Includes sale of machinist supplies, plumbers' tools, carpentry equipment.

593. Builders' supply sales.

594. Restaurant supplies and services.

599. Mercantile Miscellaneous - unclassified (describe).

600. INDUSTRIAL MANUFACTURING PROPERTIES

Property where raw materials are transformed into new products and the assembly of component parts of manufactured products is considered industrial except in cases where the activity is obviously more appropriately classified elsewhere. Factories making products of all kinds and properties devoted to operations such as processing, assembling, mixing, packaging, finishing or decorating, repairing and similar operations are included. Storage operations concerned with Commercial and Industrial Manufacturing Properties are included in Group 700.

610. CHEMICALS, PETROLEUM, PAINTS, PLASTICS - MANUFACTURING/PROCESSING

611. Basic industrial chemicals. Includes industrial gases. Excludes all monomers and plastics.

612. Hazardous chemicals. Includes chemicals requiring special handling in the manufacture, shipment, storage or use, such as explosives, blasting agents, fireworks, matches, rockets, fuels, pyroxylin (cellulose nitrate) plastics, hazardous monomers, organic peroxides. Excludes the handling of products from atomic fission and fusion classified under Group 980.

613. Plastic material manufacture. Includes basic materials for plastics, synthetic resins, synthetic adhesives, plastics and elastomers. Excludes those in 612.

614. Plastic products manufacture. Includes making of all plastic products such as housings, enclosures, covers, linings, machine parts, molding and extruding.

615. Paints, varnishes, lacquers, inks, waxes, adhesives manufacture.

616. Drugs, cosmetics pharmaceuticals manufacture.

617. Petroleum refineries. Includes petroleum and petroleum products from coal and other materials and blending of lubricating oils and greases, manufacture of petrochemicals. Includes refinery tankage.

618. Asphalt, coal products. Includes asphalt paving, roofing material, fuel briquettes, packaged fuel and the distillation of coal in coke ovens not associated with the manufacture of pig iron or the manufacture and distribution of coal gas. Excludes coke ovens in iron and steel works classified under 631, and gas works classified under 943.

619. Chemicals, Petroleum, Paints, Plastics - unclassified (describe).

620. WOOD, FURNITURE, PAPER, PRINTING

621. Sawmill, planing mill, wood products mill. Includes the manufacture of lumber products, wood building materials, prefabricated parts and structures, cooperage and other wood stock, veneers, plywood, and excelsior. Included is the

preservation of wood, sawmills and planing mills, whether or not mobile or operated in the forest. The hewing and rough shaping of poles and other wood materials is classified under 757.

622. Wooden, cane containers, small cane ware manufacture. Includes the manufacture of boxes, crates, drums, barrels and other wooden containers; baskets and other rattan, reed or willow containers; and small ware made entirely or mainly of rattan, reed, willow or other cane.

623. Wood, cork products manufacture (not containers). Includes the manufacture of products of wood, cork and small ware consisting wholly or mainly of wood.

624. Furniture, fixture, bedding manufacture. Includes the manufacture of household, office, restaurant, public building, and professional furniture, bedding, upholstery, office and store fittings and fixtures regardless of the materials used.

625. Paper, pulp, paperboard manufacture. Includes the manufacture of pulp, fibres, and paper, paperboard, insulation board, fibre building paper, the glazing and laminating of paper and paperboard. Excludes the manufacture of asphalted and tar-saturated paper, abrasive paper, sensitized paper, carbon and stencil paper, classified in subdivisions 618, 699, and 957 respectively.

626. Paper, pulp, paperboard products manufacture. Includes the manufacture of pressed and molded pulp goods, containers and articles made of paper and paperboard.

627. Newspaper, magazine printing and publishing. Excludes job printing classified under 628.

628. Job printing, publishing. Includes printing, lithographing, commercial or job printing, book publishing, manufacture of greeting cards, looseleaf devices, library binders, bookbinding, blank book making, paper ruling, and other work related to bookbinding such as bronzing, gilding and edging, map and sample mounting, services for the printing trades such as typesetting, engraving, etching steel and copper plates, woodcut, photo-engraving, electro-typing and stereo-typing. Exlcudes type foundry classified under 633, engraving on precious metals classified under 694.

629. Wood, Furniture, Paper, Printing - unclassfied (describe).

630. <u>METAL, METAL PRODUCTS, ELECTRICAL EQUIPMENT & APPLIANCES</u>

631. Basic iron and steel manufacture. Includes iron and steel shapes, consisting of all processes from smelting in blast furnaces to the semi-finished stage in rolling mills and foundries, and coke ovens associated with blast furnaces.

632. Basic nonferrous metals manufacture. Includes nonferrous metal shapes, consisting of all processes from smelting, alloying and refining, rolling and drawing, and founding and casting; that is, the production of ingots, bars and billets, sheets, strips, casting and extrusions.

633. Basic metal products manufacture. Includes transformation of basic metal forms into finished products, enamelling, japanning, lacquering, gilding, galvanizing, plating, polishing, blacksmithing, and welding. Excludes manufacture of machinery classified under 634, electrical and transport vehicles and

equipment classified under Group 680, silverware and jewellery classified under 694.

634. Machinery manufacture. Includes machine shops, the production of ball bearings, and mechanical precision instruments as well as industrial engines, measuring and dispensing pumps. Excludes electrical machinery and appliances classified under 635 and 636 respectively, automobile, aircraft and marine equipment classified under Group 680.

635. Electrical and electronic machinery manufacture. Includes machinery, apparatus and supplies for the generation, storage, transmission and transformation to electric energy, and the repairing of electrical machinery. Excludes instruments of measuring and recording electrical quantities and characteristics classified under 691.

636. Electrical and electronic appliance manufacture. Includes insulated wire, cables, electric lamps, computers, communication equipment, radios, TV sets, phonographs, batteries, X-ray and therapeutic apparatus, electronic tubes and components, and the repair of the electrical appliances. Excludes instruments for measuring and recording electrical quantities and characteristics classified under 691.

639. Metal, Metal Products, Electrical Equipment and Appliances - unclassified (describe).

640. FOOD PROCESSING

641. Slaughtering, preparation, preserving of meat and poultry. Includes killing, dressing, smoking, salting, pickling, quick-freezing, packing, curing, manufacture of natural sausage casings, the rendering of lard and other edible animal fats.

642. Dairy product manufacturing. Includes the pasteurizing and bottling of milk.

643. Canning, preserving of fruits and vegetables. Includes dehydrating and quick-freezing.

644. Canning, preserving of fish, sea foods. Includes salting, drying, dehydrating, smoking, curing, cooking, pickling and quick-freezing. Excludes icing, salting and filleting of fish catch and processing of the catch aboard fishing vessels classified under 848.

645. Grain mill products manufacturing. Includes husking, cleaning, polishing, preparation of breakfast foods such as rolled oats, rice, wheat and corn flakes, blended and prepared flour and starch and its products, prepared feeds for animals and fowl. Also includes coffee, root peeling mills and starch and its products.

646. Bakery product manufacturing. Includes bread, cakes, doughnuts, pies, pastries, and biscuits.

647. Sugar factories and refineries.

648. Cocoa, chocolate and sugar confectionery manufacturing.

649. Food Processing - unclassified (describe).

650. BEVERAGE, TOBACCO, SOAP, MARGARINE

651. Distilling, rectifying, blending spirits.

652. Wineries.

653. Breweries.
654. Soft drink, carbonated water processing.
655. Tobacco products manufacturing. Includes stemming, redrying and related operations. Excludes tobacco drying sheds which are classified under 926.
656. Vegetable and animal oil, fat, soap making. Includes the hydrogenation (or hardening) of oils and fats, margarine manufacturing, the manufacture of soaps, detergents and other washing and cleaning compounds. Excludes the manufacture of lard and other edible fats which is classified under 641.
659. Beverage, Tobacco, Soap, Margarine - unclassified (describe).

660. TEXTILES

661. Cotton, spinning and weaving. Includes carding, combing, carbonizing, spinning, weaving of carpets and rugs, lace, braids and other primary textiles.
662. Wool, worsted, spinning and weaving. Includes preparing wool and worsted fibres, scouring, carding, combing, carbonizing, spinning, weaving of yarns, fabrics, carpets, rugs, lace, braids and other primary textiles.
663. Mixed, blended fibres, spinning and weaving. Includes fibres such as flax, hemp, jute, silk, sisal and synthetic fibres and operations such as retting, scutching, scouring, carding, combing, carbonizing, throwing, spinning, weaving for manufacturing carpets, rugs, lace, braid, yarn and other primary textiles. Excludes asbestos spinning and weaving classified under 958.
664. Textile finishing. Includes bleaching, dyeing, printing and finishing of all fabrics and fibres.
665. Knitting mill; all fibres. Excludes making up of garments from knitted fabrics other than in knitting mill classified under 672.
666. Cordage, rope, twine and net manufacturing.
667. Floor covering and coated fabric manufacturing. Includes manufacturing linoleum, artificial leather, oilcloth, impregnated and coated fabrics, and floor tiles. Excludes rubber and clay tile classified under 677 and 951 respectively.
669. Textiles - unclassified (describe).

670. WEARING APPAREL, FOOTWEAR

671. Footwear manufacturing. Excludes vulcanized footwear classified under 677.
672. Wearing apparel manufacturing. Includes leather, fur, the making of hat bodies, hats and millinery, and the manufacture of umbrellas and walking sticks. Excludes footwear, repair of wearing apparel in connection with the cleaning and pressing classified under 696.
673. Textile goods manufacturing. Includes stitching, pleating and tucking for the trade. Excludes wearing apparel classified under 672.
674. Tanneries, leather finishing. Includes tanning, finishing, embossing and japanning.
675. Fur products manufacture. Includes scraping, tanning, bleaching, dyeing and fellmongery. Excludes wearing apparel classified under 672.

676. Leather products manufacturing. Includes products of leather or leather substitutes. Excludes footwear and other apparel.
677. Rubber, rubber products manufacturing. Includes natural or synthetic rubber products, the reclaiming of rubber from scrap and miscellaneous waste rubber material.
679. Wearing Apparel Footwear Manufacturing - unclassified (describe).

680. VEHICLES AND RELATED EQUIPMENT

681. Shipbuilding of vessels over 20m. Includes barges, lighters, tugs whether self-propelled or not, specialized marine engine, masts, spars, rigging and ship parts manufacturing, dry docks and ship breaking yards.
682. Boat building vessels 20m and under. Includes boats, yachts, made of any material whether self-propelled or not, specialized marine engine, masts, sails, rigging and boat parts manufacturing, outboard engine.
683. Railway equipment manufacturing, assembly.
684. Motor vehicle manufacturing and assembly. Includes manufacturing motor vehicle parts. Excludes tires and tubes classified under 677, automobile glass classified under 952, electrical equipment classified under 635, agricultural and road building tractors and fork-lift trucks classified under 634, motor vehicle repairs classified under 573.
685. Bicycle manufacturing, assembly and repair.
686. Aircraft and rocket manufacturing and assembly. Excludes the manufacture of electric and electronic equipment classified under 635 or 636 and aeronautical instruments classified under 691.
689. Vehicles and Related Equipment - unclassified (describe).

690. MISCELLANEOUS - INDUSTRIAL MANUFACTURING PROPERTY

691. Instrument manufacturing. Includes measuring, controlling, laboratory, scientific, surgical, medical and dental instruments and supplies. Excludes optical instruments for scientific and medical use classified under 692, X-ray and electrical therapeutic apparatus classified under 636, and the production of measuring and dispensing pumps classified under 634.
692. Photographic, optical goods manufacture. Includes optical instruments, lens grinding ophthalmic goods, photographic equipment and supplies, including sensitized film, plates and paper, optical instruments for scientific and medical use.
693. Watch and clock manufacturing. Includes mechanisms for timing devices.
694. Precious metal, jewellery manufacturing. Includes silverware, and plate ware, using precious metals, precious and semiprecious stones and pearls, the cutting and polishing of precious and semiprecious stones, the striking of metals and coins, and engraving on metals.
695. Musical instruments manufacturing. Excludes phonographs and speech recording machines classified under 636 and phonograph records classified under 614.
696. Dry cleaning plant. Includes cleaning, pressing, dyeing and minor repair of apparel and household furnishings.

697. Photographic film processing. Includes processing of photographic film, motion picture or still, in special plants and centres. Excludes processing incidental to other operations, such as in a newspaper publishing office.
698. Toy, sporting goods manufacturing.
699. Industrial Manufacturing Properties - unclassified (describe).

700. STORAGE PROPERTIES

Storage property is that property characterized by the presence of relatively small numbers of persons in proportion to the area. Storage includes all buildings, structures or areas utilized primarily for the storage or sheltering of goods, merchandise, products, vehicles or animals, including servicing, processing or repair operations.

If substantial mercantile or office operations exist - 10 customers or more present at a busy period - classify under Group 500.

710. AGRICULTURAL PRODUCTS - STORAGE

711. Agricultural products bulk storage - seeds, beans, nuts, grain storage in bulk. Includes bulk storage in bins, silos, cribs, pole barns or piles in the open. Excludes storage in barns classified under 923, silage under 928 and elevators under 717.
712. Agricultural products boxed, crated, packaged for storage.
713. Agricultural products loose or bagged - for storage. Excludes bagged products inside cardboard boxes classified under 712, loose tobacco storage classified under 714, bulk storage of seeds, feeds, nuts, beans, and grain classified under 711.
714. Tobacco - loose or baled.
715. Livestock storage. Includes storage at any point beyond the raising ranch or farm, at rail and truck stockyards and other livestock pens and yards.
716. Agricultural supply storage. Includes feed, fertilizer, peat moss, non-motorized farm implements, hay, grain, seed and feed stores, farm implements.
717. Elevators, grain, commercial.
719. Agricultural Products Storage - unclassified (describe).

720. TEXTILES, FIBRES, CLOTHING - STORAGE

721. Baled cotton.
722. Baled worsted wool.
723. Baled silk and synthetic fibres.
724. Baled jute, hemp, flax, sisal, other mixed or blended baled fibres.
725. Cloth and yarns.
726. Wearing apparel, garments and finished textiles.
727. Leather and leather products.
728. Fur, skin and hair products.
729. Textiles, Fibres, Clothing - unclassified (describe).

730. PROCESSED FOOD, BEVERAGE - STORAGE

731. Packed foodstuffs. Excludes canned goods under 732.
732. Canned, bottled food or soft drinks.
733. Loose or bagged processed foods. Includes processed animal food storage. Excludes natural animal feeds stored in bulk classified under 711 and natural feed stored in bags classified under 713.
734. Alcoholic beverages. Includes barrels, casks, kegs and bottles.
735. Cold storage. Includes refrigerated buildings with a carefully controlled atmosphere, food locker plants. Excludes ice storage classified under 797.
736. Bulk sugar.
737. Bulk flour or starch.
738. Tobacco, tobacco products, packaged. Includes storage of finished tobacco and tobacco products.
739. Processed Food, Beverage - unclassified (describe).

740. FLAMMABLE LIQUIDS, GASES, PETROLEUM PRODUCTS - STORAGE

Excludes those specifically mentioned in Group 760 below, such as paints and varnishes under 765.

741. Flammable liquids tank storage. Includes tank farms at terminals, petroleum bulk plants and airport fuel dispensing systems. Excludes refinery tankage classified under 617 and reservoir at oil or gas well classified under 964.
742. Packaged petroleum products.
743. LP gas bulk plant. Excludes filling of individual cylinders classified under 571.
744. LP gas cylinders.
745. Gasometer and cryogenic gases storage.
746. Missile and rocket fuels. Includes at manufacturing plant, launching site and intermediate fixed storage locations.
749. Flammable Liquids, Gases, Petroleum Products - unclassified (describe).

750. WOOD, FURNITURE, PAPER AND PRODUCTS - STORAGE

751. Lumberyards, building materials. Excludes storage of timber, pulpwood, logs, wood chips and wood fuel classified under 757 or 758.
752. Wood products.
753. Furniture. Includes public warehouse for furniture storage. Excludes general warehouse classified under 791.
754. Fibre products. Includes products made from fibres or ordinary combustible materials, such as fibreboard or noncombustible fibre materials with combustible components, such as fibreglass insulation, wood pulp, felt, excelsior, rope.
755. Paper, rolled newsprint.
756. Paper and paper products. Includes baled paper storage and paper bag storage and cartons. Excludes rolled paper storage classified under 755, pulp storage classified under 754, and wastepaper storage classified under 759.

757. Timber, log storage. Includes felling and rough cutting of trees, hewing of poles, blocks. Excludes sawmill operating in the forest classified under 621.
758. Pulpwood pile, cordwood.
759. Wood, Furniture, Paper and Products - unclassified (describe).

760. CHEMICALS, PLASTICS, PAINTS - STORAGE

761. Basic industrial chemicals. Includes generally noncombustible chemicals, oxygen.
762. Hazardous chemicals. Excludes flammable liquids and gases classified under Group 740 and radioactive materials classified under 981.
763. Plastics and plastic products.
764. Fertilizers, peat moss. Classify under 716 when fertilizers, peat moss are in storage with other agricultural supplies.
765. Paints and varnishes.
766. Drugs, cosmetics and pharmaceuticals.
767. Rubber, rubber products.
768. Photographic films. Includes distribution facilities as film exchanges.
769. Chemicals, Plastics, Paints - unclassified (describe).

770. METAL PRODUCTS, MACHINERY, ELECTRICAL APPLIANCE - STORAGE

771. Metal basic forms.
772. Metal parts.
773. Hardware. Includes storage of auto parts, auto accessories, tools, plumbers' supplies.
774. Machinery.
775. Electrical appliances and supplies.
776. Finished metal products.
777. Scrap and junkyards. Includes non-metal waste and scrap, such as tires.
779. Metal Products, Machinery, Electrical Appliance - unclassified (describe).

780. VEHICLE STORAGE

781. Individual residential parking in one-storey garages. Includes dwelling garages whether separate or attached.
782. General auto parking garage. Includes parking of automobiles of different ownership under the direction of one management, parking in open lots, special dwellings and other areas. Excludes facilities for repair of motor vehicles classified under 573.
783. Bus, truck and fleet, automobile dealer and taxi cab. Includes parking of motor vehicles under the same ownership. Excludes machinery and equipment storage classified under 784.
784. Heavy machine and equipment. Includes public works vehicles, construction and earth-moving equipment, dump trucks and cranes.
785. Marinas, boat and ship storage. Includes docking and mooring facilities for boats in the water, launching facilities and storage of boats and ships for relatively long periods of time. Excludes yacht club buildings classified under 153, boat repairing

yards which are classified under 682, and marine service stations classified under 577.

786. Aircraft storage hangars.

787. Railway storage. Includes locomotive storage, car storage and track repair equipment, all fixed railroad storage facilities. Excludes railroad yards and signalling switching facilities which are classified under Group 850.

788. Fire stations.

789. Vehicles Storage - unclassified (describe).

790. MISCELLANEOUS - STORAGE PROPERTIES

These properties are not readily included in any other group.

791. Warehouse, generally for a wide variety of types of items.

792. Mineral materials, bagged cement, lime, gypsum or other mineral materials.

793. Coal, coke, briquette and charcoal.

794. Freight terminal. Includes customs storage warehouse.

795. Glass and glass products in finished form. Includes pottery, chinaware, glass and glass products, clay products, earthenware, ceramics.

796. Military stores.

797. Ice storage. Includes detached or portable coin-operated storage dispensing units. Excludes dry ice manufacturing classified under 611.

798. Pier, wharf, storage in open area.

799. Storage Properties - unclassified (describe).

800. SPECIAL PROPERTY - TRANSPORTATION EQUIPMENT

These properties are not readily included in any other group and include mainly outdoor property and transport equipment.

810. OUTDOOR PROPERTY

811. Brush, grass and light ground cover on open land, field. Excludes forests classified under 818, timber and log piles classified under 757 and farm crops classified under 925.

812. Dumps. Includes refuse disposal areas and dumps in open ground. Excludes enclosures to burn classified under 947.

813. Trees. Includes individual trees only.

814. Fences, poles, railroad ties.

815. Trash and rubbish. Includes containers for disposal of rubbish and trash. Excludes public or industrial rubbish facilities classified under 947.

816. Mailboxes.

817. Cemetery.

818. Forest, standing timber.

819. Outdoor Property - unclassified (describe).

820. SPECIAL CONNECTING THOROUGHFARES

821. Bridge, overpass, trestle. Includes elevated road and railway.

822. Tunnel. Includes underpass over 30m in length.
823. Underpass. Includes tunnels 30m or less in length.
824. Aerial tramway. Includes ski lift, chair lifts, cable car and monorail.
829. Special Connecting Thoroughfares - unclassified (describe).

830. UNDER CONSTRUCTION OR DEMOLITION: VACANT

831. Buildings under construction.
832. Buildings under demolition.
833. Construction, other than buildings.
834. Demolition, other than buildings.
835. Vacant property, property without contents.
836. Unoccupied property, property left unoccupied over 30 days other than seasonal residences.
837. Contractor's sheds.
838. Building under major renovation.
839. Under Construction or Demolition: Vacant - unclassified (describe).

840. WATERCRAFT

841. Motor craft (20 m and under over-all length). Includes vessel with a built-in motor. Excludes outboards classified under 849 and commercial fishing vessel classified under 848.
842. Vessel (under 1,000 gross tons). Includes vessel over 20m over-all length, but under 1,000 gross tons.
843. Passenger ship.
844. Tanker ship.
845. Combat ship.
846. Cargo ship.
847. Non self-propelled vessel. Includes towed petroleum balloon, barge and towed or towable vessel. Excludes sailboat classified under 849.
848. Commercial fishing vessel. Includes factory vessel.
849. Watercraft - unclassified (describe).

850. RAIL TRANSPORT VEHICLE AND EQUIPMENT

Railroad, subway, railway, trolley car and other rail vehicles are included in the term "railway". Monorail is classified under 824.

851. Passenger, diner or lounge railway car.
852. Passenger, coach or sleeper railway car (while made up).
853. Freight, box, tank, hopper, container, piggy back railway car.
854. Locomotive engine and other power unit.
855. Self-powered railway car. Includes trolley and rapid transit car on tracks.
856. Roadbed maintenance equipment/car.
857. Railway signalling and switch control equipment.
858. Railway yard.
859. Rail Transport Vehicle and Equipment - unclassified (describe).

860. GROUND TRANSPORT VEHICLE

Excludes special vehicles classified under Group 880 and mobile living units classified under Group 370.

861. Automobile. Includes ambulance.
862. Bus, trackless trolley.
863. Compressed or LP gas tank truck.
864. Flammable liquid, chemical tank truck.
865. General truck. Includes tank truck with non-flammable cargo, mail truck and trailer truck.
866. Motorcycle.
867. Vehicle and non-motorized hauling vehicle.
868. Semi-trailer truck.
869. Ground Transport Vehicle - unclassified (describe).

870. AIRCRAFT

871. Private aircraft.
872. Commercial - non-scheduled airlines aircraft.
873. Commercial passenger - scheduled airlines aircraft.
874. Commercial cargo aircraft.
875. Helicopter and vertical take off - non-military aircraft.
876. Military combat (bomber, fighter, patrol) aircraft.
877. Military non-combat (cargo, training, utility) aircraft.
878. Space vehicle, including rockets and missiles, manned or unmanned.
879. Aircraft - unclassified (describe).

880. SPECIAL VEHICLES

881. Construction equipment. Excludes crane classified under 883.
882. Farm tractor and equipment, grain dryer, harvester, picker, swather, baler, etc.
883. Mobile and fixed crane.
884. Industrial truck, forklift and material handling.
885. Drilling rig (petroleum and gas only).
886. Snowmobile.
889. Special Vehicles - unclassified (describe).

890. OTHER SPECIAL PROPERTY

891. Pier, wharf. If incident involves damage to products or materials stored in open area on pier, wharf, classify under 798.

900. MISCELLANEOUS PROPERTY

These properties are not readily included in any other group and include mainly outdoor property.

910. LABORATORIES

911. Chemical, biological laboratory.
912. Physical material testing, hydraulics laboratory.

913. Personnel, psychological laboratory. Includes educational laboratory.
914. Radioactive material handling laboratory.
915. Electrical, electronic laboratory.
916. Agricultural laboratory.
917. General research laboratory.
918. Medical laboratory.
919. Laboratories - unclassified (describe).

920. FARM FACILITIES

921. Poultry, egg production.
922. Cow and cattle production. Includes cow milking, milk houses, milk cooling facilities. Excludes milk processing plants classified under 642.
923. Barn storage. Includes all associated storage such as vehicles and feed. Excludes silo classified under 928, and animal barn classified under 924.
924. Animal barn, cattle, pigs, horses, other livestock.
925. Crops, orchards, straw stacks and hay stacks or bales.
926. Tobacco curing shed.
927. Fruit, vegetable packing facility.
928. Silo on farm. Includes silo for storage of silage. Excludes bulk storage of grain, seeds, beans, classified under 711.
929. Farm Facility - unclassified (describe).

930. MISCELLANEOUS OUTBUILDINGS

931. Shed. Includes implement shed.
932. Privy.
933. Toll station or booth.
934. Awning, canopy.
935. Storm and weather, bomb or fallout shelter. Includes bus shelter, band stand, outdoor performance stage.
936. Root cellar.
937. Conveyor.
938. Telephone booth.
939. Outbuildings - unclassified (describe).

940. UTILITY

941. Electric light and power generating plant.
942. Electric light and power distribution system. Includes high tension lines, transformers, outside generating plants.
943. Gas manufacturing plant.
944. Gas distribution system, pipeline. Includes transmission lines, compressors, pumps for all types of fuel gas and distribution piping up to the customer side of the meter.
945. Heating plant. Includes central heating plant, steam and superheated water system and district heating system.
946. Water supply system.
947. Sanitary service. Includes sewers, commercial incinerators and industrial rubbish burners. Excludes small rubbish barrels and personal incinerators classified under 815.

948. Flammable liquid distribution system, pipeline. Includes piping systems and associated equipment for the distribution of flammable liquids from manufacturing plant, storage facility or well up to the customer side of the meter.
949. Utility - unclassified (describe).

950. CEMENT, GLASS, POTTERY MANUFACTURING

951. Structural clay products manufacturing. Includes manufacture of bricks, tiles, pipes, crucibles, architectural terra cotta, chimney pipes and refractories.
952. Glass manufacturing. Includes optical glass other than the grinding of optical lenses classified under 692.
953. Glass container manufacturing.
954. Pottery, china, earthenware manufacturing.
955. Cement manufacturing.
956. Cement batch mixing plant.
957. Abrasives manufacturing. Includes shaping into grindstones, coating cloths and papers with abrasives, and making abrasive bonded wheels and discs.
958. Non-metallic mineral product manufacturing.
959. Cement, Glass, Pottery Manufacturing - unclassified (describe).

960. MINING, QUARRYING

Includes underground and surface mines, quarries and oil wells and supplemental onsite machinery. Quarries and mines attached to other properties are, as far as possible, classified under this Group.

961. Coal mine.
962. Quarry - iron ore mine.
963. Mine, metal ore. Excludes iron ore mine.
964. Petroleum, natural gas well with accompanying reservoir and batteries. Includes prospecting and drilling, oil shale or bituminous sand operations, and extraction of crude oil. Excludes oil pipeline classified under 948 and gas pipeline classified under 944.
965. Stone, slate, clay, gravel, sand quarry or pit.
966. Salt mine or quarry. Includes evaporating, crushing, screening and refining. Excludes the refining of salt for edible purposes in establishments not engaged in extracting or quarrying salt classified under 649.
967. Chemical, fertilizer, mineral mine.
968. Non-metallic mineral mine, or quarry. Includes all other non-metallic mining and quarrying, peat cutting and digging.
969. Mining, Quarrying - unclassified (describe).

970. COMMUNICATIONS

971. National Defence communications sites. Includes missile launch sites. Excludes radio and radar site classified under 972.
972. Radio, radar site. Includes microwave transmitter site, flight control facility, satellite tracking station, repeater site, fixed and mobile station. Excludes fire and police communications, classified under 973.

973. Fire, police. Includes municipal, county, provincial or federal emergency communication centre.
974. Telephone exchange. Includes communication cable site with the associated repeater and terminal facility.
976. Weather station.
977. Lighthouse, light station.
979. Communications - unclassified (describe).

980. NUCLEONICS

Property in which uranium, radium, thorium, heavy water and other radioactive or nuclear materials are stored or handled. A laboratory handling radioactive materials is classified under 914.

981. Radioactive materials, handled in bulk. Includes fuel element plant, radioactive waste disposal, heavy water plant.
982. Radioactive materials, handled in relatively small quantities.
983. Nuclear power production or radioactive tracers and isotopes. Excludes that portion of the plant devoted to the generation of electricity, classified under 941.
984. Nuclear ordinance property. Includes bomb assembly.
989. Nucleonics - unclassified (describe).

990. MISCELLANEOUS

996. Groundskeeping equipment - lawnmowers, etc.
997. Snowblower.
998. Tillers.
999. Miscellaneous - unclassified (describe).

ALPHABETICAL LISTING OF PROPERTY CLASSIFICATION

No.	Description
A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A	
957.	Abrasives Manufacturing
824.	Aerial Tramway
712.	Agricultural Products - Boxed, Crated, Packaged - Storage
711.	Agricultural Products - Bulk Storage (bins, silos, etc. - excludes barns at 923 and elevators at 717)
713.	Agricultural Products - Loose or Bagged - Storage
719.	Agricultural Products Miscellaneous Storage - Unclassified (describe)
716.	Agricultural Supplies Storage
686.	Aircraft and Rocket Manufacturing and Assembly
874.	Aircraft, Cargo, Commercial
872.	Aircraft, Commercial, Non-scheduled Airlines
875.	Aircraft, Helicopter and Vertical Take-off - Non-Military
567.	Aircraft Maintenance and Repair
876.	Aircraft, Military, Combat (bombers, fighters and patrol)
877.	Aircraft, Military, Non-Combat (cargo, training, and utility)
873.	Aircraft, Passenger, Commercial Scheduled Airlines
871.	Aircraft, Private
786.	Aircraft Storage Hangars
879.	Aircraft - Unclassified (describe)
181.	Airport Passenger Terminal
734.	Alcoholic Beverages - Storage
861.	Ambulance
124.	Amusement Centre
128.	Amusement/Entertainment Tent
129.	Amusement Recreation Place - Unclassified (describe)
924.	Animal Barn
556.	Animal Hospital
321.	Apartments, Tenements, Flats - 1 or 2 Units with Business
322.	Apartments, Tenements, Flats - 1 or 2 Units without Business
323.	Apartments, Tenements, Flats - 3 to 20 Units with Business
324.	Apartments, Tenements, Flats - 3 to 20 Units without Business
325.	Apartments, Tenements, Flats - over 20 Units with or without Business
329.	Apartments, Tenements, Flats - Unclassified (describe)
562.	Appliance Repair Shop
532.	Appliance Store
418.	Archives
128.	Arena/Stadium
163.	Art Gallery
557.	Art Supplies, Sales
618.	Asphalt/Coal Products - Manufacturing/Processing
199.	Assembly Miscellaneous - Unclassified (describe)
114.	Auditorium, Concert Hall
861.	Automobile (excludes automobile storage at 781, 782 or 783)
934.	Awning/Canopy

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646. Bakery Products Manufacturing (includes bread, cakes, pasteries, etc.)
126. Ballroom/Dance Hall/Community Hall/Gymnasium
935. Bandstand
413. Bank
421. Barber/Hairdressing
923. Barn, Storage (excludes Animal Barn at 924)
422. Beauty Parlour
519. Beverage, Food Sales - Unclassified (describe)
659. Beverage, Tobacco, Soap, Margarine Manufacturing - Unclassified (describe)
685. Bicycle Manufacturing, Assembly and Repair
122. Billiard Centre/Pool Hall
681. Boat Building - over 20m
682. Boat Building - 20m and under
576. Boat Sales
549. Books/Newspapers/Drugs/Specialty Sales - Unclassified (describe)
541. Book Store/Stationary Supplies/Office Supplies
121. Bowling Alley
653. Breweries - Manufacturing/Processing
821. Bridge/Overpass/Trestle
811. Brush/Grass/Other Natural Cover on Open Land
593. Builders' Supplies Sales
831. Buildings Under Construction
832. Buildings Under Demolition
838. Buildings Under Major Renovations
366. Bunkhouse and Workers' Barracks
935. Bus Shelter
862. Bus, Trackless Trolley
183. Bus Terminal
783. Bus/Truck/Automobile Storage under the same ownership (excludes residential parking at 781 and general parking of automobiles of different ownership at 782)
499. Business and Personal Services Facility - Unclassified (describe)

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824. Cable Car
374. Camping Trailer
376. Camper on or off Truck
732. Canned, Bottled Food or Soft Drinks, Storage
644. Canning and Preserving Fish and Sea Foods
643. Canning and Preserving Fruits and Vegetables
578. Car Wash Facilities
956. Cement, Batch Mixing-Plant
959. Cement, Glass, Pottery Manufacturing - Unclassified (describe)
955. Cement Manufacturing
817. Cemetery
611. Chemicals, Basic Industrials includes Industrial Gases - Manufacturing/Processing
761. Chemicals, Basic Industrials, Storage
612. Chemicals, Hazardous, Manufacturing/Processing
762. Chemicals, Hazardous, Storage
619. Chemicals, Petroleum, Paints, Plastics, Manufacturing/ Processing - Unclassified (describe)

769. Chemicals/Plastics/Paints Storage - Unclassified (describe)
232. Child-Care Hospital
239. Child-Care - Unclassified (describe)
233. Children's Day Centre
231. Children's Home, Orphanage
391. Children's Playhouse
141. Church/Chapel
149. Church, Funeral Parlour - Unclassified (describe)
143. Church Hall
245. Clinic, Clinic Type Infirmary
725. Cloth and Yarns Storage
522. Clothing Accessories, Shoe Store
521. Clothing Store
152. Club, Country
151. Club, Recreational
159. Club, Sports, Social - Unclassified (describe)
153. Club, Yacht
793. Coal, Coke, Charcoal Storage
648. Cocoa, Chocolate, and Sugar Confectionary Manufacturing
735. Cold Storage/Refrigerated Buildings and Storage
138. College/University
882. Combine
973. Communications Centre, Fire, Police, etc.
979. Communications Facilities - Unclassified (describe)
431. Computer, Electronic Data Processing Centre
881. Construction Equipment
833. Construction, other than Buildings
837. Contractor's Shed
365. Convent/Monastery/Religious Dormitory
937. Conveyor
666. Cordage, Rope, Twine and Net Manufacturing
312. Cottage, Seasonal Use, in Season, 1 Family
313 Cottage, Seasonal Use, off Season, 1 Family
721. Cotton, Baled, Storage
661. Cotton, Spinning and Weaving - Manufacturing/Processing
191. Court Room
922. Cow, Cattle Milk Houses and Cooling Facilities
883. Crane
515. Creamery, Dairy Store
925. Crops, Orchards, Hay and Straw Stacks or Bales

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642. Dairy Products Manufacturing
515. Dairy Store
516. Delicatessen
834. Demolition, other than Buildings
581. Department Store
589. Department, Variety Store - Unclassified (describe)
215. Detention Camp, Adult, Minimum Security
651. Distilling, Rectifying, Blending Spirits - Manufacturing/Processing
418. Document Centre, Record Repository (Includes Archives)
365. Dormitory, Convent, Monastery, other religious Dormitory
361. Dormitory, School, College, University
369. Dormitory - Unclassified (describe)

568. Dressmaking Shop, Tailor
885. Drilling Rig, Petroleum and Gas
616. Drugs, Cosmetics, Pharmaceuticals Manufacturing
766. Drugs, Cosmetics, Pharmaceuticals Storage
543. Drug Store with Pharmacist on Duty
582. "Drug Store" without a Pharmacist - Small Variety Store
696. Dry Cleaning Plant - Manufacturing/Processing
526. Dry-goods Store
812. Dumps, Refuse Disposal Areas (excludes Incinerators)
319. Dwelling, 1 & 2 family - Unclassified (describe)
317. Dwelling, farm, 1 family
318. Dwelling, farm, 2 family
312. Dwelling, seasonal use, in season, 1 family
315. Dwelling, seasonal use, in season, 2 family
313. Dwelling, seasonal use, off season, 1 family
316. Dwelling, seasonal use, off season, 2 family
311. Dwelling, year-round use, 1 family
314. Dwelling, year-round use, 2 family

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139. Educational Facility - Unclassified (describe)
636. Electrical and Electronic Appliance Manufacture
635. Electrical and Electronic Machinery Manufacture
775. Electrical Appliance and Supplies Storage
942. Electric Light & Power Distribution System
941. Electric Light & Power Generating Plant
432. Electronic Data Records Storage
439. Electronic Equipment - Unclassified (describe)
186. Elevated Station, Passenger
717. Elevators, Grain, Commercial
881. Equipment, Construction
882. Equipment, Farm
784. Equipment, Heavy Machine Storage
127. Exhibition Hall, Exposition Hall

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929. Farm Facility - Unclassified (describe)
882. Farm Tractors and Other Farm Machinery
814. Fences, Poles, Railroad Ties
764. Fertilizer, Peat Moss Storage
754. Fibre Products Storage
724. Fibres, Baled Storage, includes jute, hemp, flax, sisal, blended fibres
663. Fibres, Spinning and Weaving
723. Fibres, Synthetic and Silk, Baled Storage
788. Fire Station
558. Fireworks Sales
948. Flammable Liquid Distribution System
749. Flammable Liquids, Gases, Petroleum Products, Storage - Unclassified (describe)
741. Flammable Liquids Storage
667. Floor Covering and Coated Fabric Manufacturing
547. Florist Shop, Greenhouse
737. Flour or Starch, Bulk Storage

519. Food, Beverage Sales - Unclassified (describe)
179. Food and Beverage Servicing Establishment - Unclassified (describe)
733. Foods, Processed, Loose or Bagged, Storage
649. Food Processing - Unclassified (describe)
731. Food Stuffs, Packed, Storage
671. Footwear Manufacturing
818. Forest, Standing Timber
362. Fraternity, Sorority, Social Club with accommodation for sleeping
794. Freight Terminal - Storage
927. Fruit, Vegetable Packing Facilities
144. Funeral Parlour (includes Crematorium, Undertaking Premises)
539. Furniture, Appliance, Hardware Sales Facilities - Unclassified (describe)
561. Furniture Repair or Upholstering, without sales
624. Furniture, Fixture, Bedding Manufacture
753. Furniture Storage
531. Furniture Store
675. Fur Products Manufacturing
728. Fur, Skin and Hair Products Storage
525. Fur Store

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781. Garage, Individual Residential
782. Garage, Storage, Auto Parking of Autos of different ownership
783. Garage, Bus/Truck/Auto Storage under same ownership
554. Garden Supply Store
944. Gas Distribution System
943. Gas Manufacturing Plant
745. Gasometer and Cryogenic Gas Storage
545. Gift Shop
795. Glass and Glass Products Storage
953. Glass Container Manufacturing
952. Glass Manufacturing (includes Optical Glass)
882. Grain dryer
645. Grain Mill Products Manufacturing
811. Grass
965. Gravel Pit
547. Greenhouse
512. Grocery Store (see Market)
996. Groundskeeping Equipment

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773. Hardware Storage
533. Hardware Store
925. Hay Stacks or Bales
945. Heating Plant
784. Heavy Machine and Equipment Storage
182. Heliport, Helistop Passenger Terminal
875. Helicopter and Vertical Take-Off Aircraft - Non-Military
164. Historic Building
551. Hobby, Toy Shop
221. Home for the Aged with Nursing Staff
222. Home for the Aged without Nursing Staff
229. Home for the Aged - Unclassified (describe)

566. Home Maintenance Service
241. Hospital, General
244. Hospital, Mental
249. Hospital, Sanatorium, Clinic - Unclassified (describe)
344. Hotel, Inn, Lodge - Transient Dormitory Type
342. Hotel, Inn, Lodge - Seasonal use, in season
343. Hotel, Inn, Lodge - Seasonal use, off season
349. Hotel, Inn, Lodge - Unclassified (describe)
341. Hotel, Inn, Lodge - Year-round use
372. Houseboats
569. Household Repair Service - Unclassified (describe)

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515. Ice Cream Stand
123. Ice Rink
797. Ice Storage
947. Incinerators, Commercial
699. Industrial Manufacturing Properties - Unclassified (describe)
799. Industrial Storage Properties - Unclassified (describe)
884. Industrial Truck
299. Institutional Occupancies - Unclassified (describe)
243. Institution of the Blind, Deaf or Dumb
691. Instrument Manufacturing

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213. Jail, Municipal or Provincial
694. Jewellery Manufacture
544. Jewellery Store
777. Junkyard

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556. Kennel
665. Knitting Mill - Manufacturing/Processing

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916. Laboratory, Agricultural
911. Laboratory, Chemical, Biological
915. Laboratory, Electrical, Electronic
917. Laboratory, General Research
918. Laboratory, Medical
913. Laboratory, Personnel Psychological
912. Laboratory, Physical Materials Testing
914. Laboratory, Radioactive Material Handling
919. Laboratories - Unclassified (describe)
564. Laundry, Dry Cleaner
563. Laundry, Self Service
996. Lawn Mowers
546. Leather Goods Shop
727. Leather, Leather Products Storage
676. Leather Products Manufacturing
192. Legislative Hall
161. Library
977. Lighthouse, Light Station
514. Liquor Beverage Store

715. Livestock Storage
854. Locomotive, Railway Engine or Other Power Unit
733. Loose or Bagged Processed Foods Storage
743. LP Gas - Bulk Plant, Storage
744. LP Gas - Gas Cylinder Storage
555. Lumber, Retail Sales
751. Lumberyard - Storage
174. Lunchroom, Drive-In

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634. Machinery Manufacture
774. Machinery Storage
816. Mailboxes
584. Mail Order Store
416. Mailing, Photocopying Office
567. Maintenance Shop - General
585. Mall Shopping Centre Common Areas
785. Marinas - Storage
187. Marine Passenger Terminal
512. Market, Grocery Store, selling a broad line of food items and some non-food items and covering less than 1000m^2 in area (See 511 if larger)
599. Mercantile, Miscellaneous - Unclassified (describe)
771. Metal Forms, Basic - Storage
772. Metal Parts - Storage
776. Metal Products, Finished - Storage
779. Metal Products, Machinery, Electrical Appliance Storage - Unclassified (describe)
633. Metal Products Manufacture
631. Metals, Basic Iron and Steel Manufacture
632. Metals, Basic Nonferrous Metals Manufacture
639. Metals, Metal Products, Electrical Equipment and Appliances Manufacturing - Unclassified (describe)
364. Military Barracks
796. Military Stores - Storage
961. Mine, Coal
967. Mine, Chemical Fertilizer, Mineral
963. Mine, Metal Ore other than Iron
962. Mine, Quarry - Iron Ore
968. Mine, Quarry - Non-metalic Minerals
966. Mine, Quarry - Salt
969. Mine, Quarrying - Unclassified (describe)
792. Mineral Materials, Bagged Cement, Lime, Gypsum, etc. - Storage
746. Missile and Rocket Fuels Storage
371. Mobile Homes (1 or 2 family units)
379. Mobile Homes - Unclassified (describe)
165. Monument, Memorial Building
116. Motion Picture Studio
841. Motor Craft
866. Motorcycle
375. Motor Home
351. Motor Hotel, Motel - Fewer than 3 Units (includes Tourist Cabin)
352. Motor Hotel, Motel - 3 to 20 Units
353. Motor Hotel, Motel - Over 20 Units

359. Motor Hotel, Motel - Unclassified (describe)
575. Motor Vehicle Accessory Sales
574. Motor Vehicle and Trailer Sales
684. Motor Vehicle Manufacturing and Assembly
573. Motor Vehicle Repair Garage
579. Motor Vehicles, Boats, Sales and Service - Unclassified (describe)
169. Museum, Art Gallery, Library - Unclassified (describe)
162. Museum (exclude if in Historic Building at 164)
695. Musical Instrument Manufacturing
534. Music Store

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971. National Defence Communication Sites
542. Newstand/Tobbaco Shop
172. Night Club
958. Non-metallic Mineral Products Manufacturing
984. Nuclear Ordinance - includes Bomb Assembly
983. Nuclear Power Production or Radioactive Tracers and Isotopes, excludes Generation of Electricity at 941
989. Nucleonics - Unclassified (describe)
363. Nurses' Residence

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412. Office, Civic, Provincial, Federal, excludes Post Office at 417
415. Office, Engineering, Architectural, Technical
411. Office, General Business
416. Office, Mailing, Photocopying
414. Office, Medical, Health, Research or Scientific, excludes Laboratories at Group 910
419. Office - Unclassified (describe)
548. Optical Goods Sales
939. Outbuildings - Unclassified (describe)
819. Outdoor Property - Unclassified (describe)

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742. Packaged Petroleum Products Storage
731. Packed Food Stuffs Storage - excludes Canned Goods at 732
765. Paints and Varnishes Storage
535. Paint Store
615. Paints, Varnishes, Lacquers, Ink, Waxes, Adhesives Manufacture
756. Paper and Paper Products Storage - exclude items at 754 and 755
626. Paper, Pulp, and Paperboard Products Manufacture
625. Paper, Pulp, Paperboard Manufacture
755. Paper, Rolled, Newsprint Storage
189. Passenger Terminal, Station - Unclassified (describe)
429. Personal Service Facility - Unclassified (describe)
964. Petroleum, Natural Gas Well, Reservoir
742. Petroleum Products, Packaged, Storage
617. Petroleum Refineries - Manfacturing/Processing
556. Pet Store/Animal Hospital/Kennel
697. Photographic Film Processing
768. Photographic Film Storage
692. Photographic, Optical Goods Manufacture
553. Photographic Supply Sales and Still Picture Studio

891. Pier, Wharf
798. Pier, Wharf, Open Storage - Storage in open areas
763. Plastic and Plastic Products - Storage
613. Plastic Material Manufacture
614. Plastic Products Manufacture
217. Police Station with Lock-up Facilities
417. Post Office
954. Pottery, China, Earthenware Manufacturing
921. Poultry, Egg Production
694. Precious Metals, Jewellery Manufacture
628. Printing, Publishing - Job Printing
627. Printing, Publishing - Newspaper and Magazines
219. Prison, Jail, Reformatory - Unclassified (describe)
211. Prison, Penitentiary, Cell Blocks for Men
212. Prison, Penitentiary, Cell Blocks for Women
932. Privy
739. Processed Food, Beverages Storage - Unclassified (describe)
591. Professional Supply Sales - includes Stethoscopes, Hospital Supplies, Special Tools, Engineering Instruments etc.
758. Pulpwood Piles, Cordwood - Storage

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981. Radioactive Materials - Bulk Quantities
982. Radioactive Materials - Small Quantities
972. Radio Radar Site
115. Radio, TV Studio
859. Rail Transport Vehicle And Equipment - Unclassified (describe)
814. Railroad Ties
853. Railway Car, Freight
852. Railway Car, Passenger, Coach or Sleeper
851. Railway Car, Passenger, Diner or Lounge
855. Railway Car, Self-powered
853. Railway Car, Tank
683. Railway Equipment Manufacturing and Assembly
567. Railway Repair Shop
857. Railway Signaling and Switch Control Equipment
184. Railway Station
787. Railway Storage
858. Railway Yard
559. Recreation, Hobby Supply Sales - Unclassified (describe)
214. Reformatory, Juvenile Detention Home
573. Repair Garage, Paint Shop
569. Repair Shop, Laundry, Dry Cleaner - Unclassified (describe)
399. Residential, Miscellaneous - Unclassified (describe)
171. Restaurant
594. Restaurant Supplies and Services
856. Roadbed, Railway Maintenance Vehicles
513. Roadside Farm Produce Stand and Counter
331. Rooming, Boarding, Lodging House - 4 to 8 persons
332. Rooming, Boarding, Lodging House - 9 to 15 persons
339. Rooming, Boarding, Lodging House - Unclassified (describe)
936. Root Cellar
677. Rubber, Rubber Products Manufacturing
767. Rubber, Rubber Products - Storage

947. Rubbish Burner, Commercial
815. Rubbish Barrel, Personal
536. Rug, Floor Covering Store

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242. Sanatorium, Sanitarium, Nursery Home, Convalescent Home
947. Sanitary Service
621. Sawmill, Planing Mill, Wood Products Mill - Manufacturing/Processing
136. School, Business, Commercial, Secretarial
132. School, Elementary
133. School, High, includes combined senior, intermediate and junior; and combined high/elementary
131. School, Nursery, Pre-Kindergarten, Kindergarten - 4 hrs per day or less, excludes Child Day-care Centre at 233
137. School, Rehabilitation (attendance by choice)
135. School, Technical, Industrial
777. Scrap and Junkyard - Storage
221. Senior Citizens' Homes with Nursing Staff
222. Senior Citizens' Homes without Nursing Staff
229. Senior Citizens, Homes - Unclassified (describe)
577. Service Station, Marine
572. Service Station, Private
571. Service Station, Public
931. Shed, includes Implement Shed
935. Shelter, Storm, Weather, Bomb, Fallout
681. Shipbuilding, Vessels over 20 meters - Manufacturing/Processing (see 682 if less than 20m)
846. Ship, Cargo
845. Ship, Combat
843. Ship, Passenger
844. Ship, Tanker
565. Shoe Repair Shop
723. Silk and Synthetic Fibres Storage
928. Silo, Farm
824. Ski Lift, Chair Lift
641. Slaughtering, Preparation, Preserving of Meat - Manufacturing/Processing
997. Snowblower
886. Snowmobile
362. Social Club with Dormitory
654. Soft Drink, Carbonated Water - Manufacturing/Processing
362. Sorority with Dormitory
878. Space Vehicle
829. Special Connecting Thoroughfare - Unclassified (describe)
513. Specialty Food Store
889. Special Vehicles - Unclassifed (describe)
552. Sporting Goods Sales
128. Stadium/Arena
965. Stone, Slate, Clay, Gravel Pit or Quarry
799. Storage Property - Unclassified (describe)
925. Straw Stacks or Bales
951. Structural Clay Products Manufacture
185. Subway Station, Passenger
736. Sugar, Bulk Storage

647. Sugar Factories, Refineries - Manufacturing/Processing
511 Supermarket, store selling a broad line of food items and some non-food items and covering $1000m^2$ or over in total area (see 512 if less)
125. Swimming Facility

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568. Tailor, Dressmaking Shop
674. Tanneries, Leather Finishing - Manufacturing/Processing
173. Tavern
938. Telephone Booth
974. Telephone Exchange
115. Television Studio
377. Tents
189. Terminal, Station, Passenger - Unclassified (describe)
664. Textile Finishing Facilities - Manufacturing/Processing
673. Textile Goods Manufacturing (includes Pleating and Tucking, excludes wearing apparel at 672 and 679)
669. Textile Manufacturing Facilities - Unclassified (describe)
729. Textile, Fibres, Clothing Storage - Unclassified (describe)
529. Textile, Wearing Apparel Sales Facilities - Unclassified (describe)
111. Theatre, Combined Live and Movie
113. Theatre, Drive-in
112. Theatre, Motion picture
119. Theatre, Studio, Auditorium - Unclassified (describe)
814. Ties, Railroad
998. Tillers
757. Timber, Log Storage
926. Tobacco Curing Shed
714. Tobacco, Loose or Baled Storage
655. Tobacco Products Manufacturing
738. Tobacco, Tobacco Products Storage
933. Toll Station, Booth
351. Tourist Cabin
698. Toy, Sporting Goods Manufacturing
889. Tracked Vehicles
592. Trade Supply Sales (includes Machinists Supplies, Plumbers Tools, Carpentry Equipment)
815. Trash and Rubbish (includes Containers for Disposal of, excludes items at 812 and 947)
373. Travel Trailer
813. Trees, Individual (excludes Forests at 818)
863. Truck, Compressed Gas or LP Gas
864. Truck, Flammable Liquid or Chemical Tank
865. Truck, General, Tank Truck with Non-flammable Cargo, Mail Truck, Trailer Truck (excludes items at 863 and 864)
868. Truck, Semi-Trailer
376. Truck with Camper
822. Tunnel, includes Underpass over 30 meters (See 823 if less)

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839. Under Construction, Demolition: Vacant - Unclassified (describe)
823. Underpass 30 meters or less in length (See 822 if over)
138. University

836. Unoccupied Property
949. Utility - Unclassified (describe)

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835. Vacant Property
583. Variety Store - Large, over $1000m^2$
582. Variety Store - Small, $1000m^2$ or less
656. Vegetable and Animal Oil, Fat, Soap Manufacture
927. Vegetable, Fruit Packing Facilities
867. Vehicle, Non-motorized - includes Wagon and Trailer
689. Vehicles and Related Equipment - Manufacturing/Processing - Unclassified (describe)
869. Vehicle, Ground Transport - Unclassified (describe)
789. Vehicle Storage - Unclassified (describe)
889. Vehicle, Tracked
848. Vessel, Commercial Fishing
842. Vessel, Under 1000 gross tons
847. Vessel, not self-propelled - includes Barges, Derricks, etc.
216. Vocational Rehabilitation Centre (attendance by direction)

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535. Wallpaper and Paint Store
791. Warehouse, General, Mixed Items Storage
693. Watch, Clock Manufacturing
544. Watch, Clock Repair
849. Watercraft - Unclassified (describe)
946. Water Supply System
976. Weather Station
726. Wearing Apparel, Garments and Finished Textiles Storage
672. Wearing Apparel Manufacturing (includes Leather, Fur, Hat Bodies, Millinery, Umbrellas and Walking Sticks)
679. Wearing Apparel, Footwear Manufacturing - Unclassified (describe)
652. Wineries
623. Wood Cork Products Manufacture
622. Wooden Containers, Cane Containers, other Cane Ware Manufacture
759. Wood, Furniture, Paper and Products - Storage - Unclassified (describe)
629. Wood, Furniture, Paper, Printing - Manufacturing - Unclassified (describe)
752. Wood Products Storage
722. Wool or Worsted, Baled Storage
662. Wool, Worsted, Spinning, Weaving - Manufacturing/Processing

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768. X-ray Film Storage
636. X-ray Machine/Apparatus - Manufacturing

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153. Yacht Club
841. Yacht - 20m and Under (Over-all Length)
842. Yacht - Over 20m and Under 1,000 Gross Tons
725. Yard Goods Storage

526. Yard Goods Store
661. Yarn, Cotton - Manufacturing
663. Yarn, Mixed, Blended and Other Fibres - Manufacturing
526. Yarn Shop
725. Yarn Storage
669. Yarn, Reworking Mill
649. Yeast - Manufacturing
344. YMCA/YWCA (with sleeping quarters)
151. YMCA/YWCA (without sleeping quarters)

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633. Zinc, Holloware, Nails, Stamping - Manufacturing/Processing
963. Zinc, Mine, Quarry
636. Zinc, Wire Drawing - Manufacturing
633. Zipper, Metal - Manufacturing

MAJOR OCCUPANCY

Major Occupancy refers to the overriding (major) use of a building etc., under single management having two or more uses.

NOTES:

a. If the building, structure, or facility has only one use, code under 90, excluding residential classified under codes 31 - 39.

b. If the building, structure, or facility has two or more major uses, none of which is overriding code under 93.

c. If the property involved is other than a building, structure or facility (eg. vehicle, outside area etc.) classify under 95.

CODES:

87. Air terminal, airport
12. Amusement park, exhibition or fair ground, stadium, apartment (see residential)
11. Auditorium, theatre, arena, cultural centre
83. Bus terminal
37. Campsite, trailer park designed for temporary camping (excludes mobile homes classified under 34.)
86. Car park
14. Church, funeral parlour
97. Communications
57. Commercial centre, shopping centre
58. Department store, variety store
36. Education institution (residential)
13. Education institution (non-residential)
92. Farm
17. Food or beverage establishment
71. Grain elevator
84. Harbour, waterfront property, marine terminal
22. Hospital, medical centre, clinic, sanatorium
33. Hotel, motel, lodge, hostel, boarding house, dormitory (Eg. YM/YWCA)
38. Indian reserve - building, structure or facility
79. Industrial storage facility, bulk storage tanks (excludes grain elevator classified under 71)
91. Laboratory
69. Industrial manufacturing
96. Mine
98. Nucleonic Site
41. Office building
81. Park, federal or provincial
82. Park, city
21. Prison, penitentiary, jail, detention centre, reformatory
85. Railway terminal yard, terminal, (excludes subway classified under 88)
15. Recreation, sports facility, sports club, social club
32. Residential: apartment, tenement
31. Residential: row, garden, town housing
35. Residential: duplex, 3-plex, 4-plex, semi-detached
Residential: Indian reserve (See Indian reserve)

34. Residential: single detached (includes mobile homes)
39. Residential: with business, up to 3 stories
88. Subway
94. Utility
90. Property occupies its own building, structure or other facility (excludes residential classified under 31-39)
93. Multiple use (no overriding use)
95. Not applicable
99 Major Occupancy - Unclassified (describe)
00. Major Occupancy - Cannot be determined.

EXAMPLES ILLUSTRATING USE OF THE CODE FOR:

MAJOR OCCUPANCY (MO)
PROPERTY CLASSIFICATION (PC)

EXAMPLE 1	MO	PC
Fire in a restaurant which		
(a) is in a hotel	33	171
(b) is in an underground shopping plaza which is connected to office buildings, under separate management	57	171
(c) completely occupies its own building	90	171
EXAMPLE 2		
Fire occurs in a medical laboratory administration office where the laboratory:		
(a) occupies its own building	90	918
(b) is situated inside a medical office building	41	918
EXAMPLE 3		
Fire in single detached 1-family home	34	311
EXAMPLE 4		
Fire in an apartment with 60 units	32	325
EXAMPLE 5		
Fire in one 1-family unit of a 6 unit row house in same property area as apartment buildings - all buildings are under the same management	31	324
EXAMPLE 6		
Fire in an explosives manufacturing plant	69	612
EXAMPLE 7		
Fire in ladies wear store which spreads to a specialty food store in a shopping plaza	57	521
EXAMPLE 8		
Fire starts in a car which is		
(a) parked outside a single detached 1-family home	95	861
(b) parked inside a single attached garage causing structural damage to garage	34	781
(c) parked inside a single attached garage not causing structural damage to garage	34	861

AREA OF ORIGIN OF FIRE

Area of Origin of Fire refers to the specific use or occupancy of that part of the Property where the fire originates and not necessarily to the overall use or occupancy of the Property. The actual classification system appears on the following pages.

NOTE:

If the fire originates from a completely detached segregated building, structure or facility or from an outside open area, then specify the appropriate code under Structural Area.

AREA OF ORIGIN OF FIRE CLASSIFICATION

This list is flexible to fit the several different buildings classified under "Property Classification". Items 01 - 79 (inclusive) refer to areas inside or connected to buildings. Vehicles and areas outside of buildings are classified under 82 - 89 and 91 - 99 respectively.

CODES:

MEANS OF EGRESS

01. Hallway, corridor.
02. Stairway, exterior. Includes fire escape, ramp.
03. Stairway, interior. Includes ramp.
04. Escalator.
05. Lobby, entrance way.
06. Elevator. Includes shaft and machinery room.
09. Means of Egress - Unclassified (describe).

ASSEMBLY, FAMILY, SALES AREA (GROUPS OF PEOPLE)

11. Large assembly area, fixed seats (over 60 people). Includes auditorium, chapel, place of worship, theatre, arena, stadium, lecture hall, aisles.
12. Large assembly area, non-fixed seats (over 60 people). Includes ballroom.
13. Small assembly area, (60 or less people). Includes classroom, meeting room with or without fixed seats.
14. Lounge, living room. Includes music room, common room, TV room, den, recreation room, family room, sitting room.
15. Sales, show room area. Includes shop. Excludes display window classified under 28.
16. Library, museum. Includes art gallery.
17. Sports facility. Includes gymnasium, swimming pool, bowling alley, curling rink, billiard hall.
18. Covered court, atrium, mall concourse.
19. Assembly, Sales Area - Unclassified (describe).

FUNCTION AREA

21. Sleeping (under 5 occupants). Includes patients' room, bedroom, cell, lockup.
22. Sleeping (5 or more occupants). Includes ward, dormitory, barracks.
23. Dining area. Includes dining room, mess room, canteen, lunch room, cafeteria.
24. Bar, beverage area.
25. Washroom, locker room. Includes checkroom, cloakroom, rest room, bathroom, powder room, toilet, shower room, sauna bath.
26. Office.
27. Laboratory.
28. Display windows.
29. Printing and photographic reproduction.
30. Electronic equipment communication room. Includes radar room, telephone switchboard.
31. Kitchen, cooking area.
32. Laundry area. Includes wash house.
33. First-aid, treatment area. Includes minor surgery.
34. Operating room. Includes recovery room, operating theatre.
35. Electronic equipment room. Includes electronic computer area, data processing centre.
36. Performance area. Includes stage, ice rink, boxing ring, basketball floor, studio.
37. Backstage, dressing room.
38. Process, manufacturing area.
39. Function Area - Unclassified (describe).

STORAGE AREA (INSIDE BUILDING)

41. Product storage area. Includes all areas where products are held awaiting process, shipment, use or sale, storage tanks.
42. Closet. Includes lockers.
43. Supplies, equipment area. Includes tool room, maintenance supply room, supply room, dead storage room.
44. Records storage area. Includes vaults.
45. Shipping, receiving area. Includes packing departments, mail room, loading bay or area, shipping platform.
46. Trash, rubbish area. Includes wastepaper, industrial waste, garbage. Excludes incinerator room and chute classified under 64.
47. Vehicle (garage). Includes carport. Excludes outside parking area classified under 93.
48. Agricultural products storage.
49. Storage Area - Unclassified (describe).

SERVICE FACILITIES

51. Dumbwaiter, conveyor shaft.
52. Service shaft. Includes pipe, conduit, vent. Excludes ducts classified under 55, 56 and 57.
53. Chute. Includes laundry, garbage, mail. Excludes flue-fed incinerator loading chute classified under 64.
54. Pipe, piping. Includes transmission pipelines.
55. Duct: heating, air conditioning.

56. Duct: cooking.
57. Duct: laboratory fume exhaust.
58. Chimney, flue pipe, gas vent.
59. Service Facilities - Unclassified (describe).

SERVICE & EQUIPMENT AREA

61. Machinery room. Includes elevator machinery room, engine room, pump room, header house, refrigeration room.
62. Heating equipment room. Includes furnace room, water heater closet, boiler room.
63. Transformer vault. Includes ancillary switchgear.
64. Incinerator room. Includes all incinerator operations, chute.
65. Maintenance shop. Includes repair shop, welding shop, workshop, carpentry shop, electrical shop, plumbing shop.
66. Paint shop.
67. Test cell.
68. Projection room.
69. Service & Equipment Area - Unclassified (describe).

STRUCTURAL AREA

71. Crawl space. Includes sub-structure space.
72. Exterior balcony. Includes open porch.
73. Ceiling and floor assembly. Includes concealed floor/ceiling space.
74. Ceiling and roof/ceiling space.
75. Wall assembly. Includes concealed wall space.
76. Exterior wall.
77. Exterior roof.
78. Awning, canopy.
79. Structural Area - Unclassified (describe).

VEHICLE AREA

82. Vehicle, engine area. Includes running gear, wheels.
83. Vehicle, fuel area. Includes fuel line.
84. Vehicle, control area. Includes the bridge of ships, cockpit of planes, cab or trucks operating area. Excludes dining areas of vehicles openly communicating with passenger area classified under 85.
85. Vehicle, passenger area.
86. Vehicle, cargo area. Includes trucks and autos.
89. Vehicle Area - Unclassified (describe).

OUTSIDE AREA

91. Open area. Includes lawn, field, farmyard, park, playing field, pier, wharf.
92. Court, patio, terrace.
93. Parking area.
94. Storage area. Includes outdoor shipping facilities other than for loading platforms attached to buildings. Excludes outside trash or rubbish storage classified under 95.
95. Trash, rubbish area.
99. Outside Area - Unclassified (describe).

UNKNOWN

00. Area of Origin - Cannot be determined.

LEVEL OF ORIGIN

Level of Origin refers to the floor or area where the fire originates. If there are no intervening floors or irregularly spaced floors, it refers to the height above grade where the fire originates.

CODES:

1. Basement, sub-basement.
2. Crawl space, under structure.
3. Ground floor, grade level (grade to 3m).
4. 2nd Storey (over 3m to 6m above grade).
5. 3rd Storey (over 6m to 9m above grade).
6. 4th to 12th Storey, inclusive, (over 9m to 36m above grade).
7. Over 12 Stories (over 36m).
8. Roof level. Includes concealed roof space, attic.
9. Level of Origin - Not applicable.
0. Level of Origin - Cannot be determined.

BUILDING HEIGHT

Building Height refers to the number of stories contained between the floor of the first storey (exclusive of basements or cellars) and the roof. In the case of buildings, such as grain elevators in which there are no intervening stories, the heights should be coded on the basis of 3 metres being equivalent to one storey.

CODES:

1. 1 Storey or 3 m.
2. 2 Stories or 6 m.
3. 3 to 4 Stories or 9 m to 12 m.
4. 5 to 6 Stories or 15 m to 18 m.
5. 7 to 12 Stories or 21 m to 36 m.
6. 13 to 24 Stories or 40 m to 73 m.
7. 25 to 49 Stories or 75 m to 149 m.
8. Not applicable e.g. vehicle, outside area, etc.
9. 50 Stories or 152 m or more.
0. Building Height - Cannot be determined.

GROUND FLOOR AREA

The Ground Floor Area refers to the area of the ground floor only and should be coded according to one of the classifications shown below.

CODES:

1. 0 - 100 m^2.
2. over 100 - 500 m^2.
3. over 500 - 1,000 m^2.
4. over 1,000 - 2,500 m^2.
5. over 2,500 - 5,000 m^2.
6. over 5,000 - 10,000 m^2.
7. over 10,000 - 50,000 m^2.
8. Not applicable e.g. vehicle, outside area, etc.
9. Ground Floor Area - Unclassified (describe)
0. Ground Floor Area - Cannot be determined.

INITIAL DETECTION

Initial Detection refers to the means by which the fire incident was first detected and should be coded according to the classifications listed below. If the method of initial detection is known, but is not included in the classification listed below, code under 9.

CODES:

1. Smoke Alarm Device - single station - NOT connected to a fire alarm system.
2. Smoke Detector Device - connected directly to a fire alarm system.
3. Heat Alarm Device - single station - NOT connected to a fire alarm system.
4. Heat Detector Device - connected directly to a fire alarm system.
5. Automatic Sprinkler System.
6. Automatic System-Other Than Sprinkler.
7. Visual Sighting or other Means of Personal Detection.
9. Initial Detection - Unclassified (describe).
0. Initial Detection - Cannot be determined.

EXTENT OF FIRE

Extent of Fire is the actual extent of burning or charring and does not include browning or blistering of paint. It should be coded according to one of the classifications listed below.

Extent of Fire is only coded where the property involved is a building. If the property involved is other than a building eg., vehicle, outside area, code under 8.

CODES:

1. Confined to object of origin.
2. Confined to part of room/area of origin.
3. Confined to room of origin.
4. Confined to floor level of origin.
5. Confined to building of origin.
6. Extended beyond building of origin.
7. Confined to roof.
8. Not applicable.
9. Extent of Fire - Unclassified (describe).
0. Extent of Fire - Cannot be determined.

EXTENT OF DAMAGE

Extent of Damage is the total extent of damage beyond that caused by actual burning or charring and includes damage caused by heat, smoke, water and other extinguishing agents. It should be coded according to one of the classifications listed below.

Extent of Damage is only coded where the property involved is a building. If the property involved is other than a building, e.g., vehicle, outside area, code under 8.

CODES:

1. Confined to object of origin.
2. Confined to part of room/area of origin.
3. Confined to room of origin.
4. Confined to floor level of origin.
5. Confined to building of origin.
6. Extended beyond building of origin.
7. Confined to roof.
8. Not applicable.
9. Extent of Damage - Unclassified (describe).
0. Extent of Damage - Cannot be determined.

ACT OR OMISSION

It is not only the Igniting Object, the Fuel or Energy in conjunction with it, or the Fuel or Energy causing ignition, which result in a fire; there is also a set of circumstances precipitated by human acts (something which is done) or human omissions to act (something which has not been done).

The purpose of this classification is to indicate these acts or omissions, be they deliberate or negligent. It includes such actions as incendiary acts and negligent use of fuel sources, equipment or materials. It also includes such factors as mechanical failures which may have resulted from human omissions through lack of maintenance, or through design, construction or installation deficiencies.

Act or Omission should be coded according to one of the classifications listed below.

CODES:

ARSON OR "SET FIRES"

02. Arson - for fraudulent purposes.
03. Arson - for vengeful/spiteful purposes.
04. Arson - for obscuring other crime.
05. Arson - to satisfy compulsive desires (pyromania).
06. Suspected arson.
11. Riot, civil commotion, charges laid.
12. Riot, civil commotion, no charges laid.
13. Vandalism, mischief, charges laid.
14. Vandalism, mischief, no charges laid.
19. Arson or Other Set Fires - Unclassified (describe).
10. Arson or Other Set Fires - Motivation or reason cannot be determined.

MISUSE OF SOURCE OF IGNITION

21. Smoker's material.
22. Thawing.
23. Inadequate control of "open" fire.
24. Child playing with.
25. Welding or cutting too close to.
26. Torch too close to.
29. Misuse of Source of Ignition - Unclassified (describe).
20. Misuse of Source of Ignition - Cannot be determined.

MISUSE OF MATERIAL IGNITED

31. Fuel spilled accidentally.
32. Improper fuelling technique.
33. Flammable liquid to kindle fire.
34. Cleaning, washing parts.
35. Improper container.
36. Overheated cooking oil, grease, wax.
37. Combustible placed too close to heat.
38. Improper storage.

39. Misuse of Material Ignited - Unclassified (describe).
30. Misuse of Material Ignited - Cannot be determined.

MECHANICAL, ELECTRICAL FAILURE, MALFUNCTION

41. Part failure, leak, break.
42. Automatic control failure.
43. Manual control failure.
44. Electrical short circuit.
46. Part worn out.
49. Mechanical, Electrical Failure, Malfunction - Unclassified (describe).
40. Mechanical, Electrical Failure, Malfunction - Cannot be determined.

CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY

51. Design deficiency.
52. Construction deficiency.
53. Installed too close to combustible.
54. Other installation deficiency.
55. Over fusing.
56. Suspected faulty connections involving aluminum wiring.
57. Suspected faulty connections involving copper wiring.
59. Construction, Design or Installation Deficiency - Unclassified (describe).
50. Construction, Design or Installation Deficiency - Cannot be determined.

MISUSE OF EQUIPMENT

61. Overfuelling.
69. Misuse of Equipment - Unclassified (describe).
60. Misuse of Equipment - Cannot be determined.

HUMAN FAILING

71. Asleep - excludes suspected use of alcohol, drugs or medication classified under 76.
72. Temporary loss of judgement suspected (includes panic).
73. Physical or mental disability.
74. Accident.
75. Suspected impairment by use of alcohol, drugs, or medication.
76. Asleep - suspected use of alcohol, drugs or medication.
77. Ignorance of hazard.
78. Distracted, preoccupied.
79. Human failing - Unclassified (describe).
70. Human failing - Cannot be determined.

VEHICLE ACCIDENT

81. Automobile.
82. Industrial truck.
83. Other road vehicle.
84. Rail vehicle.
85. Watercraft.
86. Aircraft.

89. Vehicle Accident - Unclassified (describe).
80. Vehicle Accident - Cannot be determined.

MISCELLANEOUS

99. Miscellaneous - Unclassified (describe).
00. Act or Omission - Cannot be determined.

IGNITING OBJECT (SOURCE OF IGNITION)

The Igniting Object is the actual equipment, device or item which brings about ignition. The actual classification system is contained herein.

If there is no Igniting Object, code under 01.

For example if an electrical discharge from a transformer ignited the roof of a house, the igniting object would be the transformer, Code 52. Alternatively if an electrical discharge in the form of lightning ignited the roof of a house, there would be no igniting object and Code 01 would apply.

NOTE: Igniting object refers to the complete equipment and not to component parts.

In case of an exposure fire, code under 81-89.

CODES:

GENERAL

01. No Igniting Object.

COOKING EQUIPMENT

02. Stove, range, top burner area - involving fire in pan.
03. Stove, range, top burner area - involving fire in domestic deep fat fryer or pot.
04. Stove, range, top burner area - involving other circumstances.
05. Oven of stove, range.
06. Chafing dish, fondue.
07. Deep fat fryer - separate appliance.
11. Fry pans, grills not on stove.
12. Other cooking unit, portable includes hot plate, camp stove, warming tray
13. Open fired broiler, fixed type.
14. Open fired broiler, portable type includes barbecue.
15. Food warming appliance, portable includes coffee urn, steam table, warming drawer, warming table, electric kettle, microwave oven.
16. Toaster, waffle iron.
19. Cooking Equipment - Unclassified (describe).

HEATING EQUIPMENT

21. Central heating unit. Includes furnace, boiler, power boiler, stoker.
22. Service water heater.
23. Stationary space heater. Includes wall furnace, unit heater, room heater, heating stove, baseboard heater.
24. Portable space heater. Includes room heater, salamander.
25. Fireplace.
26. Masonary chimney.
27. Flue pipe, vent connector.
28. Factory-built, metal chimney.
29. Heating Equipment - Unclassified (describe).

APPLIANCES AND EQUIPMENT

31. Television, picture receiving or reproducing equipment.
32. Radio, stereo, phonograph, tape recorder.
33. Dryer for clothes.
34. Washing machine.
35. Central air conditioning and refrigeration equipment.
36. Individual air conditioning or dehumidifier.
37. Individual refrigeration unit. Includes refrigerator, freezer, refrigerated vending machine.
38. Pressing iron. Includes ironing machine.
39. Portable generator.
41. Lawnmower.
42. Snowblower.
43. Electric blanket, heating pad.
44. Incinerator.
49. Appliance and Equipment - Unclassified (describe).

ELECTRICAL DISTRIBUTION EQUIPMENT

51. Permanent electric wiring, cable. Includes power line, junction box.
52. Transformer.
53. Switchgear. Includes power switchgear only.
54. Panelboard, switchboard. Includes fuse, circuit breaker.
55. Switch, outlet. Includes receptacle, socket.
56. Temporary electric wiring, cable. Includes extension cord, appliance cord.
57. Signal, telephone equipment. Includes wiring (low voltage).
58. Battery, rectifier. Includes charger, rotary convertor.
59. Electrical Distribution Equipment - Unclassified (describe).

OTHER ELECTRICAL EQUIPMENT

61. Motor 1 H.P. & over.
    Includes motor forming an internal part of an appliance or separated by a belt, chain or connecting shaft, generator motor. Excludes air conditioning and refrigeration equipment classified under 35, 36, or 37; dryer classified under 33; washing machine classified under 34; central heating unit classified under 21; lawnmowers classified under 41; snowblowers classified under 42.
62. Motor under 1 H.P.
    Includes motor forming an integral part of an appliance or separated by a belt, chain or connecting shaft, generator motor. Excludes motors in appliances classified in code Groups 30 and 40 and central heating unit classified under 21.
63. Electronic equipment, communications.
64. Electronic equipment, data processing.
    Includes digital and analog computer, electronic sorting equipment, electronic data processing equipment. Excludes communications equipment classified under 57.
65. Incandescent lamp, lightbulb. Includes lantern, spotlight, flashlight.
66. Fluorescent lamp. Includes ballast.
69. Other Electrical Equipment - Unclassified (describe).

SMOKER'S MATERIAL AND "OPEN" FLAMES

71. Smoker's material.
    Includes cigarette, pipe, cigar and/or matches, lighter when used in conjunction with smoking. Excludes match, lighter when not associated with smoker's material classified under 72.
72. Match, lighter (not used in conjunction with smoking).
73. Lamp.
74. Candle, taper.
75. Cutting torch.
76. Welding equipment.
77. Torch, other than cutting, welding. Includes plumber's furnace, blow torch, plumber's torch, bunsen burner, soldering iron, paint stripping torch.
78. Hot ashes, embers not associated with smoker's material.
79. Smoker's Material and "Open" Flame - Unclassified (describe).

EXPOSURE

81. Attached structure.
82. Detached structure.
83. Lumber yard.
84. Outside storage container, tank.
85. "Open" fire. Includes campfire, bonfire, warning flare, rubbish fire, "open" incinerator.
86. Forest, tree(s).
87. Grass, shrub, brush, scrub.
89. Exposure - Unclassified (describe).

MISCELLANEOUS

90. Internal combustion engine. Includes exhaust system.
91. Heat treatment equipment. Includes furnace, oven, quench tank, casting, molding, forging.
92. Industrial oven. Includes kiln. Excludes oven used for food preparation classified under 05 or 06, heat treatment oven classified under 91.
93. Tar pot.
94. Explosive. Includes blasting agent and all material so defined under the "Explosives Act".
95. Fireworks.
96. Bearing, belting, conveyor, brake.
97. Machinery, equipment, commercial and industrial. Includes sawing, planing, grinding, forming, opening, picking, carding, garnetting, weaving. Excludes appliances and equipment classified in codes 31 - 49, other electrical distribution equipment classified in codes 51 - 59.
98. Chemical reaction, spontaneous combustion.
99. Igniting Object - Unclassified (describe).
00. Igniting Object - Cannot be determined.

FUEL OR ENERGY ASSOCIATED WITH IGNITING OBJECT (Source of Ignition)

Fuel or energy denotes the fuel or energy normally used in conjunction with the igniting object, and should be coded according to one of the classifications listed below.

NOTES: i. If lightning is involved, code under 7, whether or not an igniting object is also involved.

ii. In the case of an exposure fire code under 8.

EXAMPLE: If a fire results from gasoline being used to accelerate a coal fired stove, the fuel or energy used in conjunction with the stove (igniting object) is the coal and should be classified under 1. Gasoline would be the material first ignited.

CODES:

1. Coal, wood. Includes coke, paper or waste used for lighting or incidental burning.
2. Fuel oil.
3. Gasoline.
4. Natural gas or other fuel gases. Includes materials composed predominantly of propane, propylene, acetylene, butane or mixtures of them.
5. Cigarette, cigar, pipe, match, lighter.
6. Electricity.
7. Lightning.
8. Exposure fire.
9. Fuel or Energy - Unclassified (describe).
0. Fuel or Energy - Cannot be determined.

MATERIAL FIRST IGNITED CLASSIFICATION

Material First Ignited is the actual material ignited which brings about the fire condition. It does not include the fuel or energy associated with the Igniting Object, except where the ignition of the fuel itself creates the fire condition. The actual classification system appears on the following pages.

CODES:

STRUCTURAL COMPONENTS, FINISH MATERIALS

01. Roof covering, wood.
02. Roof covering, other than wood.
03. Exterior wall covering, surface, finish. Includes eave.
04. Exterior trim & appurtenance. Includes door, porch, platform, balcony.
05. Floor covering, wood.
06. Floor covering, linoleum, tile, plastic.
07. Floor covering, carpet, rug.
08. Structural component: floor, ceiling, roof. Excludes floor covering classified under 05, ceiling covering classified under 13, 14 or 15.
09. Structural component, wall. Excludes exterior wall classified under 03 or 04, interior wall covering classified under 11 or 12.
11. Interior wall covering. Excludes plastic classified under 12.
12. Interior wall covering, surface material: plastic.
13. Ceiling covering, surface material, wood, fibreboard (high density). Includes plywood, hardboard, chipboard.
14. Ceiling covering, surface material, fibreboard (low density). Includes softboard, pulpboard, paperboard.
15. Ceiling covering, surface material, plastic.
16. Insulation, wood, wood product (rigid). Excludes wood shavings, sawdust classified under 42.
17. Insulation, plastic. Excludes electric insulation classified under 95.
18. Insulation, mineral. Includes binder, envelope.
19. Structural Components, Finish Materials - Unclassified (describe).
10. Structural Components, Finish Materials - Cannot be determined.

FURNITURE, FURNISHINGS

21. Furniture (upholstered). Includes chesterfield, sofa, davenport, couch.
22. Furniture: wood (not upholstered). Includes table, bookcase, desk, chest of drawers, cabinet, dresser, filing cabinet, piano, organ, not upholstered chair.
23. Furniture: plastic (not upholstered).
24. Ironing board.
25. Mattress. Includes pillow.
26. Bedding. Includes blanket, sheet, comforter, eiderdown, heating pad.
27. Drapery. Includes curtain, blind, tapestry.
28. Broom, mop, brush.
29. Furniture, Furnishings - Unclassified (describe).
20. Furniture, Furnishings - Cannot be determined.

CLOTHING, TEXTILES

31. Clothing, cotton.
32. Clothing, wool.
33. Clothing, synthetic fibre. Includes mixed fibres.
34. Fabric, cotton. Includes finished goods. Excludes fibre, yarn classified under 81, clothing classified under 31, bedding classified under 26, drapery classified under 27.
35. Fabric, wool. Includes finished goods. Excludes fibre, yarn classified under 81, clothing classified under 32, bedding classified under 26, drapery classified under 27.
36. Fabric, synthetic fibre. Includes finished goods. Excludes fibre, yarn classified under 81, clothing classified under 33, bedding classified under 26, drapery classified under 27.
37. Fur. Includes finished goods.
38. Tarpaulin. Includes plastic sheeting used as tarpaulin.
39. Clothing, Textiles - Unclassified (describe) Excludes paper clothing classified under 45.
30. Clothing, Textiles - Cannot be determined.

WOOD, PAPER PRODUCTS

41. Wood. Includes box, barrel, case, finished lumber, plywood. Excludes structural component or finished material classified under furniture, or furnishings classified under Group 20 and felled timber classified under 85.
42. Wood shavings. Includes chippings, sawdust, excelsior, wood wool, wood flour.
44. Paper, packing material. Includes shredded paper.
45. Paper decoration. Includes napkin, tablecloth, clothing, costume.
46. Wastepaper. Excludes garbage, trash classified under 96.
47. Cardboard. Includes carton, box.
48. Paper stock. Includes stationery supplies, files, book, magazine, newspaper, writing paper.
49. Wood, Paper Products - Unclassified (describe).
40. Wood, Paper Products - Cannot be determined.

FLAMMABLE LIQUIDS, COMBUSTIBLE LIQUIDS

51. Gasoline.
52. Fuel oil. Includes Grades Nos. 1 to 6, kerosene.
53. Flammable liquid, flashpoint 100°F. and over. Includes varsol, shellsol, lubricating oils. Excludes fuel oil classified under 52.
54. Flammable liquid, flashpoint less than 100°F. Includes solvent, thinner, lacquer. Excludes gasoline classified under 51.
55. Paint, varnish.
56. Cooking oil, fat. Includes butter, lard, margarine.
57. Tar, asphalt. Includes pitch, bitumen.
58. Polish, wax.
59. Flammable Liquids - Combustible Liquids - Unclassified (describe).
50. Flammable Liquids - Combustible Liquids - Cannot be determined.

FLAMMABLE GASES

61. Natural gas.
62. Propane air mixture. Includes butane air mixture.
63. Propane. Includes butane, liquefied petroleum gases.
64. Anaesthetic gas.
65. Acetylene.
66. Hydrogen.
69. Flammable Gases - Unclassified (describe).
60. Flammable Gases - Cannot be determined.

CHEMICALS - PLASTICS - METALS

72. Cellulose nitrate. Includes celluloid, pyroxylin plastic materials.
73. Plastics. Excludes cellulose nitrate classified under 72.
74. Oxidizing material. Includes bleach, hydrogen peroxide.
75. Magnesium and alloys.
76. Titanium, zirconium and alloys.
77. Rubber, natural or synthetic. Includes tire, belting.
78. Ammonium nitrate.
79. Chemicals - Plastics - Metals - Unclassified (describe).
70. Chemicals - Plastics - Metals - Cannot be determined.

AGRICULTURAL, FORESTRY PRODUCTS

81. Fibres. Includes all natural and synthetic fibres either raw or in process, natural and synthetic yarn, rope, twine, string, lint.
82. Grain, flour, starch.
83. Hay.
84. Tree, shrub.
85. Felled timber. Excludes sawn lumber classified under 41.
86. Grass, brush, leaves.
87. Manure.
88. Christmas tree. Includes all cut natural trees. Excludes artificial trees classified under 98.
89. Agricultural, Forestry Products - Unclassified (describe).
80. Agricultural, Forestry Products - Cannot be determined.

MISCELLANEOUS

91. Coal, coke. Includes patent fuel, charcoal, briquettes, peat.
95. Insulation, electric. Includes only when confined to electrical equipment.
96. Garbage, trash, rubbish.
97. Oily rags. Includes paint rags, waste impregnated with petroleum distillates.
98. Artificial tree.
99. Material First Ignited - Unclassified (describe).
00. Material First Ignited - Cannot be determined.

ENERGY CAUSING IGNITION (FORM OF HEAT)

Energy Causing Ignition refers to the energy which associates the igniting object with the Material First Ignited and should be coded to one of the classifications listed below.

NOTE: i. If lightning is involved in a fire code under 3.

ii. In the case of an exposure fire code under 1 or 4 or 6 as applicable.

CODES:

1. Spark: ember.
   Includes flying brand.
2. Spark: electrical.
   Includes arc, discharge.
   Excludes static electrical spark classified under 3.
3. Spark: static electrical.
4. Direct flame.
5. Friction heat.
6. Hot object - direct heat by conduction or radiation, no direct contact with flames or embers.
7. Spontaneous ignition.
   Excludes spontaneous ignition of incompatible chemicals.
8. Heat from smoker's material.
   Excludes match, lighter, classified under 4 when such are used other than in conjunction with smoker's material.
9. Energy Causing Ignition - Unclassified (describe).
0. Energy Causing Ignition - Cannot be determined.

EXAMPLES OF CODING FOR: Igniting Object (Source of Ignition)
Fuel or Energy Associated With Ignition Object
Material First Ignited
Energy Causing Ignition (Form of Heat)

Example Description	Igniting Object	Fuel or Energy Associated with Igniting Object	Energy Causing Ignition	Material First Ignited
A. A grease fire starts in a deep fat fryer on top of a hot electric stove.	03.	6.	6.	56.
B. A lighted cigarette is dropped into a waste basket igniting the wastepaper.	71.	5.	8.	46.
C. Gasoline is used to accelerate a wood stove/range.	19.	1.	4.	51.

NOTE:

In this example the gasoline is the Material First Ignited with the direct flame in the wood burning stove being the Fuel or Energy Causing Ignition.

D. Lightning sets fire to a roof covered with asphalt shingles.	01.	7.	3.	02.
E. Lightning hits a T.V. antenna setting fire to the T.V. set.	31.	7.	3.	99.

OUTSIDE FIRE PROTECTION

Outside Fire Protection refers to the outside fire protection facilities available to combat a fire and should be coded according to one of the classifications listed below. It includes the provision of such facilities as watermains, hydrants and fire departments, or combinations thereof.

CODES:

1. Municipal hydrant protection and fire department.
2. Municipal hydrant protection and no fire department.
3. Municipal fire department only.
5. Private hydrant protection and fire department.
6. Private hydrant protection and no fire department.
7. Private fire department only.
8. Not applicable e.g. no outside fire protection.
9. Outside Fire Protection - Unclassified (describe)
0. Outside Fire Protection - Cannot be determined

FLAME SPREAD AVENUES

This classification denotes routes by which flames (char) spread beyond the room or area of origin of the fire. This section consists of three subsections, each of which should be coded.

FLAME SPREAD - INTERIOR FINISH

CODES:

1. Spread on ceiling finish.
2. Spread on wall finish.
3. Spread on floor finish.
4. Spread on ceiling and wall finish.
5. Spread on ceiling and floor finish.
6. Spread on wall and floor finish.
7. Spread on ceiling, wall and floor finish.
8. Not a factor.
9. Interior Finish Flame Spread - Unclassified (describe).
0. Interior Finish Flame Spread - Cannot be determined.

FLAME SPREAD - VERTICAL OPENINGS

CODES:

1. Through unenclosed stairwell or elevator shaft.
2. Through inadequate firestopping. Includes inside of walls, around pipes, poke-throughs, etc.
3. Through air-handling ducts.
4. Through utility shaft.
5. Through failure of a rated assembly.
6. By way of the exterior of the building.
8. Not a factor.
9. Vertical Flame Spread - Unclassified (describe).
0. Vertical Flame Spread - Cannot be determined.

FLAME SPREAD - HORIZONTAL OPENINGS

CODES:

1. Through air-handling ducts.
2. Through attic spaces, ceilings or concealed spaces.
3. Doors burned through in rated assembly.
4. Through doors open in rated assembly.
5. Through corridor.
6. Through utility openings.
7. Through windows.
8. Not a factor.
9. Horizontal Flame Spread - Unclassified (describe).
0. Horizontal Flame Spread - Cannot be determined.

SMOKE SPREAD AVENUES

Smoke Spread Avenues denotes the routes by which smoke spreads beyond the room or area of origin, and should be coded according to one of the classifications below.

CODES:

1. Through air handling ducts.
2. Through the corridor.
3. Through the elevator shaft.
4. Through the stairwell.
5. Through openings in construction (gaps between slabs and walls, over doors, etc.).
6. Through utility openings - horizontal walls.
7. Through utility openings - in floors.
8. Not a factor.
9. Smoke Spread Avenues - Unclassified (describe).
0. Smoke Spread Avenues - Cannot be determined.

GENERAL CONSTRUCTION

General construction describes the type of construction used in the floor-ceiling assemblies (excluding walls) of the building or structure, and should be coded in accordance with one of the following classifications.

CODES:

1. Combustible Construction (Open Wood Joist)

2. Protected Combustible Construction (Wood Joist protected by plaster or plaster board)

3. Heavy Timber Construction

4. Non-Combustible Construction (Exposed Steel)

5. Protected Non-Combustible Construction (Protected Steel or Concrete)

9. General Construction - Unclassified (describe)

0. General Construction - Cannot be determined.

NOTES:

Heavy timber construction consists of floor-ceiling assemblies which are constructed of wood where the thickness of structural members and the thickness of floor and ceiling are not less than 3 inches.

If more than one type of construction is involved code under that type of construction which constitutes the major portion.

If general construction is not applicable as in the case of a vehicle or outside area code under 9.

YEAR OF CONSTRUCTION

Year of construction should be coded under one of the classifications listed below. In many cases the figure will have to be an estimate. If the Property involved has undergone renovation, code the original year of construction.

If the property involved is other than a building or structure (vehicle, outside area), code under 08.

If the year of construction is completely unknown code under 00.

CODES: (based on 1976 Census of Canada groupings)

20. 1920 or before
21. 1921 to 1945
46. 1946 to 1950
51. 1951 to 1960

61. 1961 to 1965
66. 1966 to 1968
69. 1969
70. 1970
71. 1971
72. 1972
73. 1973
74. 1974
75. 1975
76. 1976
77. 1977
78. 1978
79. 1979
80. 1980
81. 1981
82. 1982
83. 1983

- Etc. -

08. Not applicable.
00. Year of Construction - Cannot be determined.

NUMBER OF OCCUPANTS

Number of Occupants refers to the actual number of people in the building at time of the fire. Number of Occupants should be coded under one of the classifications listed below.

CODES:

1. 0 - 10
2. 11 - 60
3. 61 - 100
4. 101 - 300
5. 301 - 500
6. 501 - 1,000
7. Over 1,000
8. Not applicable e.g. vehicle, outside area, etc.
0. Number of Occupants - Cannot be determined.

VALUE OF RISK

Value of Risk refers to the estimated cash value of the property including its contents and should be coded under one of the cash value ranges listed below.

CODES:

01. $ 0 - $ 999
02. $ 1,000 - $ 9,999
03. $ 10,000 - $ 49,999
04. $ 50,000 - $ 99,999
05. $ 100,000 - $ 249,999
06. $ 250,000 - $ 999,999
07. $ 1,000,000 - $4,999,999
11. $ 5,000,000 and over
08. Not applicable e.g. outside area.
00. Value of Risk - Cannot be determined.

MANUAL FIRE PROTECTION FACILITIES

Manual Fire Protection Facilities refers to the provision of hand fire extinguishers, standpipe and hose systems, manually operated fire alarm systems or combinations thereof and should be coded according to one of the classifications listed below.

CODES:

1. Extinguishers, and Standpipe System, and Manual Fire Alarm System.
2. Extinguishers, and Standpipe System.
3. Extinguishers, and Manual Fire Alarm System.
4. Extinguishers.
5. Standpipe System, and Manual Fire Alarm System.
6. Standpipe System.
7. Manual Fire Alarm System.
8. Not applicable e.g. outside area, etc.
9. Manual Fire Protection Facilities - Unclassified (describe).
0. Manual Fire Protection Facilities - Cannot be determined.

SPRINKLER PROTECTION

Sprinkler Protection is only coded in the case of buildings and should be coded according to one of the classifications listed below. Sprinkler Protection may be installed throughout the building in which case the system should be classified as "complete", or in a part of the building only, but consisting of not less than 10 sprinklers, in which case the system should be classified as "partial". If there are less than 10 sprinklers, the building is considered to be not sprinklered.

In addition, the Sprinkler System could be central station supervised or the building could be provided with standard watchman service consisting of regular recorded rounds, the alarms from the sprinkler system could be directly transmitted to fire alarm headquarters, or the alarms could be local only, which fact should be indicated by using the appropriate classification.

CODES:

1. Complete Sprinkler Protection - supervised or standard watchman service.
2. Complete Sprinkler Protection - alarm to fire department.
3. Complete Sprinkler Protection - unsupervised, local alarms only.
4. Partial Sprinkler Protection - supervised or standard watchman service.
5. Partial Sprinkler Protection - alarm to fire department.
6. Partial Sprinkler Protection - unsupervised, local alarms only.
7. No Sprinkler Protection.
8. Not applicable e.g. vehicle, outside area etc.
9. Sprinkler Protection - Unclassified (describe).
0. Sprinkler Protection - Cannot be determined.

AUTOMATIC FIRE DETECTION SYSTEM

Automatic Fire Detection System is only coded in the case of buildings and should be coded according to one of the classifications listed below.

Automatic Fire Detection System may be installed throughout the buildings in which case the system should be classified as "complete", or in parts of the building only, such as in storage areas or air handling systems, in which case the system should be classified as "partial".

Automatic Fire Detection System may also be central station supervised or directly connected to fire alarm headquarters or provided with local alarms only, which fact should be indicated by using the appropriate classification.

In addition, Automatic Fire Detection System may operate on the heat detection principle, either fixed temperature or rate-of-rise, or on the detection of products of combustion or smoke principle, which fact should also be indicated by using the appropriate classification.

NOTE: A Smoke Detector/Alarm Report (Form CF45) is required to be submitted in duplicate if the applicable code is a 03,04,07 or 11.

All occupancies where sleeping accommodation is provided, (except one and two family dwellings built before July 5, 1977), including one and two family dwellings built after July 5, 1977, are required by law to have smoke alarms or smoke detectors or a combination of both. Code 00 will not be accepted for these occupancies.

CODES:

01. Complete Automatic Fire Detection System - Heat (fixed temperature or rate-of-rise) - alarm to fire department or central station.
02. Complete Automatic Fire Detection System - Heat (fixed temperature or rate-of-rise) - local alarm only.
03. Complete Automatic Fire Detection System - Products of Combustion or Smoke - alarm to fire department or central station.
04. Complete Automatic Fire Detection System - Products of Combustion or Smoke - local alarm only.
05. Partial Automatic Fire Detection System - Heat (fixed temperature or rate-of-rise) - alarm to fire department or central station.
06. Partial Automatic Fire Detection System - Heat (fixed temperature or rate-of-rise) - local alarm only.
07. Partial Automatic Fire Detection System - Products of Combustion or Smoke - alarm to fire department or central station.
08. Not applicable e.g. vehicle, outside area, etc.
09. Automatic Fire Detection System - unclassified (describe).
11. Partial Automatic Fire Detection System - Products of Combustion or Smoke - local alarm only.
12. No coverage.
00. Automatic Fire Detection System - Cannot be determined.

FIXED SYSTEM OTHER THAN SPRINKLERS

Fixed System Other Than Sprinklers is only coded in the case of buildings and should be coded according to one of the classifications listed below. If the property involved is other than a building, e.g. vehicle, outside area code under 8. If the Fixed System Other Than Sprinklers, is known, but the description is not included in the classification system, code under 9.

In addition, the system could be central station supervised or the building could be provided with standard watchman service consisting of regular recorded rounds. The alarms from this type of system could be directly transmitted to fire alarm headquarters, or the alarms could be local only, which fact should be indicated by using the appropriate classification.

CODES:

1. Fixed System Protection other than sprinkler supervised or standard watchman service.
2. Fixed System Protection other than sprinkler alarm to fire departments.
3. Fixed System Protection other than sprinkler unsupervised, local alarms only.
4. No protection from such a system.
8. Not applicable e.g. vehicle, outside area, etc.
9. Fixed System Other than Sprinkler - Unclassified (describe).
0. Fixed System Other than Sprinkler - Cannot be determined.

PERFORMANCE OF AUTOMATIC EXTINGUISHING EQUIPMENT

Performance of Automatic Extinguishing Equipment refers to whether the automatic extinguishing equipment operated in the room or area of origin of the fire, and should be classified according to one of the classifications listed below. If there is no automatic extinguishing equipment present in the room or area of origin of the fire, code under 8.

CODES:

1. Equipment operated.
2. Equipment should have operated but didn't.
3. Equipment present but fire too small to require operation.
8. No equipment present in room or area of origin of fire.
9. Performance of Automatic Extinguishing Equipment - Unclassified (describe).
0. Performance of Automatic Extinguishing Equipment - Cannot be determined.

FIRE SERVICE

Fire Service describes the organization of the fire service in the municipality where the property is located and should be coded according to one of the classifications listed below.

CODE:

1. Full time fire department.
2. Volunteer fire department.
3. Combined full time and volunteer fire department.
4. Police acting as full time firefighters.
5. Combined police and full time fire department.
6. Combined police and volunteer firefighters.
7. Fire Service - contract to others.
8. Not applicable e.g. no fire service.
9. Fire Service - Unclassified (describe).
0. Fire Service - Cannot be determined.

TRANSMISSION OF ALARM TO FIRE DEPARTMENT

Transmission of Alarm to Fire Department is the means by which the fire department was first notified and should be coded according to one of the classifications listed below. If the method of transmission of the alarm to the fire department is known, but is not included in the classification listed below, code under 9. If the fire department was not notified or if there was such a delay that the fire department was unable to effectively combat the fire, code under 6.

CODES:

1. Telephone direct to fire department. The reporting person direct dials the fire alarm centre.
2. Coded signal municipal fire alarm system. Included are telegraph or telephone systems, radio systems, and auxiliary connection to them.
3. Private fire alarm system - included are signals received from central stations and remote stations.
4. Radio.
5. Direct report to a fire station (verbal).
6. No alarm received. Includes alarms when delayed appreciably resulting in late or no response.
7. Telephone tie-line to fire department. The reporting person direct dials another emergency agency. Included are all calls received or over a direct telephone tie-line from another emergency call centre or facility tied directly to the fire department.
8. Siren, horn, or other alerting device.
9. Transmission of Alarm to Fire Department - Unclassified (describe).
0. Transmission of Alarm to Fire Department - Cannot be determined.

RESPONSE TIME OF FIRST VEHICLE

Response time is the period of time from the receipt of the alarm by the Fire Department to the arrival of the first fire vehicle at the scene of the incident. Confirmation of arrival time should be by radio or recording wherever possible.

CODES:
1. one to three minutes inclusive
2. four to five minutes inclusive
3. six to eight minutes inclusive
4. nine to ten minutes inclusive
5. eleven to fifteen minutes inclusive
6. sixteen to twenty minutes inclusive
7. twenty-one to thirty minutes inclusive
8. over thirty minutes
0. Response Time - Cannot be determined or not applicable.

ACTION TAKEN

Action Taken refers to the action taken to combat the fire and should be coded according to one of the classifications listed below.

CODES:

1. Extinguished by occupant.
2. Burned out - no extinguishment attempted.
3. Extinguished by fire department.
4. Extinguished by automatic system.
9. Action Taken - Unclassified (describe).
0. Action Taken - Cannot be determined.

METHOD OF FIRE CONTROL AND EXTINGUISHMENT

Method of Fire Control and Extinguishment refers to the method whereby the fire was controlled and extinguished and should be coded according to one of the classifications listed below. If this involves several methods, only code that method which essentially controlled or extinguished the fire.

CODES:

HAND FIRE EXTINGUISHER

11. Water pump tank.
12. Water pressurized.
13. Water soda-acid.
14. Foam.
15. Vapourizing liquid/Halon.
16. CO_2.
17. Dry chemical.
18. Multi-purpose dry chemical.
19. Hand Fire Extinguisher - Unclassified (describe).

STANDPIPE SYSTEM

21. Small hose, 38mm nominal size, straight stream nozzle.
22. Small hose, 38mm nominal size, combination nozzle.
23. Large hose, 65mm nominal size, straight stream nozzle.
24. Large hose, 65mm nominal size, combination nozzle.
25. Continuous flow hose, less than 38mm nominal size, straight stream nozzle.
26. Continuous flow hose, less than 38mm nominal size, combination nozzle.
29. Standpipe System - Unclassified (describe).

"MAKESHIFT" FIRE FIGHTING AID

31. Garden hose.
32. Water bucket.
33. Small water container.
34. Sand bucket.
35. Dry chemical and scoop.
36. Baking soda.
37. Smothering by covering.
38. Snow.
39. "Makeshift" Fire Fighting Aid - Unclassified (describe).

FIRE DEPARTMENT - WATER

41. Booster hose, 25mm or less.
42. 38mm hose, 1 hoseline.
43. 38mm hose, 2 or more hoselines.
44. 65mm hose, 1 hoseline.
45. 65mm hose, 2 or more hoselines.
46. 77mm or larger hose, 1 or more hoselines.
47. Combinations of 38mm, 65mm, 77mm or larger hoselines.
48. Portable water deluge set.
49. Fire Department - Water - Unclassified (describe).

FIRE DEPARTMENT - OTHER THAN WATER

51. Crash-fire foam vehicle, using monitor.
52. Crash-fire foam vehicle, using handlines.
53. Pumper, foam handlines only, via eductor.
54. Vehicle, combination, foam-dry chemical.
55. Vehicle, dry chemical, under 450 Kg.
56. Vehicle, dry chemical, 450 Kg. & over.
59. Fire Department - Other than Water - Unclassified (describe).

SPRINKLER SYSTEM

61. Wet pipe system, central station supervised, standard watchman service, or alarm connection to fire department.
62. Wet pipe system, local alarm only.
63. Dry pipe system, central station supervised, standard watchman service, or alarm connection to fire department.
64. Dry pipe system, local alarm only.
65. Pre-action system, central station supervised, standard watchman service, or alarm connection to fire department.
66. Pre-action system, local alarm only.
67. Engineered systems.
69. Sprinkler System - Unclassified (describe).

FIXED SYSTEM OTHER THAN SPRINKLERS

71. Carbon dioxide system.
72. Dry chemical system.
73. Halon system.
74. Conventional (Protein) foam system.
75. High expansion foam system.
76. Foam-water system.
77. Water spray system.
79. Fixed System Other Than Sprinklers - Unclassified (describe).

BURNED OUT

81. Completely burned out before arrival of fire department.
82. Incapable of control by fire department on arrival.
89. Burned Out - Unclassified (describe).

MISCELLANEOUS

91. Portable high expansion foam generator.
92. CO_2 handhose system, 25 Kg. or more.
93. Dry chemical system, handhose system, 25 Kg. or more.
99. Miscellaneous - Unclassified (describe).

00. Miscellaneous - Cannot be determined.

FIRE DEPARTMENT INFORMATION

Complete the information on lines 16, 17, 18 & 19.

NOTE: Line 18. To complete alarm time, arrive fire, back in service, use the 24 hour clock: 0001 - 24000. For example an alarm at 1:15 p.m. will be coded 13:15.

GENERAL INFORMATION

Claims Adjuster and Insurance Company:

Indicate adjuster's name and the name of the adjusting firm where available. The major insurance company involved in the claim should be indicated. Provision is made for the claim and policy number if known and is of assistance for follow-up purposes.

Brief Description of Fire:

Include any description or comments that help to establish cause, origin, circumstances, etc. of this fire or any other pertinent information.

Date and Signature:

Indicate the date the report is being submitted. The person submitting the report should sign it (and print their name as well if the signature is not clearly legible) and enter a telephone number at which they can usually be reached during business hours. This will be useful should any clarification be required.

REPORTING PROCEDURES

Fire reports are required on all fires. Fire chiefs, local assistants and whenever practical, individuals or corporations shall make use of the Fire Report Form - CF 40. Insurance companies and independant insurance adjusters shall use the Fire Report Form - CF 72.

Samples of these forms appear on the following two pages.

NOTE: Additional report forms may also be required. Refer to page 86 for instructions on completing the Fire Casualty Report Form - CF 42. Refer to page 93 for instructions on completing the Smoke Detector/Alarm Report.

Alberta
LABOUR
GENERAL SAFETY SERVICES DIVISION
FIRE PREVENTION BRANCH
#701, 10808 - 99 AVE
EDMONTON, ALBERTA T5K 0G2

FIRE REPORT

FORWARD TWO COPIES TO:
FIRE PREVENTION BRANCH

FOR OFFICE USE ONLY

FIRE NUMBER	SUFFIX	TYPE

COMPLETE THIS FORM USING THE FIRE REPORT MANUAL

01	DAY	MONTH	YEAR	DAY OF WK	TIME	MUNICIPALITY WHERE INCIDENT OCCURRED	INCIDENT	AREA OR ZONE (IF APPLICABLE)	1ST	FINAL	CHANGE	
02	LOCATION OF FIRE INCIDENT — STREET NO. OR SEC. TWP. RANGE. MERIDIAN.							ROOM/STE	TELEPHONE			
03	SURNAME OF OCCUPANT				INITIALS	INSURED YES / NO	ADDRESS (OCCUPANT)		TELEPHONE			
04	SURNAME OF OWNER				INITIALS	INSURED YES / NO	ADDRESS (OWNER)		TELEPHONE			
05	IF APPLICABLE TO VEHICLES-APPLIANCES OR OTHER EQUIPMENT LIST	MAKE	YEAR	MODEL	SERIAL NO.	LICENSE NO						

ENTER AMOUNTS BELOW TO THE NEAREST DOLLAR

06	BUILDING VALUE	BUILDING LOSS ESTIMATE	UNINSURED LOSS (BLDG.)	BUILDING CLAIM PAID
07	CONTENTS VALUE	CONTENTS LOSS ESTIMATE	UNINSURED LOSS (CONTENTS)	CONTENTS CLAIM PAID
08	TOTAL VALUE	TOTAL LOSS ESTIMATE	TOTAL UNINSURED LOSS	TOTAL CLAIM PAID

IF INJURIES OR DEATHS OCCURRED COMPLETE A FIRE CASUALTY REPORT FORM CF 42.

	INJURIES		CHILD (UNDER 16)		DEATHS		CHILD (UNDER 16)	
09	MEN	WOMEN	CHILDREN	TOTAL	MEN	WOMEN	CHILDREN	TOTAL

FOR OFFICE USE ONLY

MUNICIPALITY	ADJUSTOR	INVESTIGATION NO	CENSUS DIV

WAS THE FIRE REPORTED TO THE MUNICIPAL FIRE DEPARTMENT YES ☐ NO ☐

RED NUMBERS BELOW REFER TO PAGES IN THE FIRE REPORT MANUAL

10	PROPERTY CLASS 10	MAJOR OCCUPANCY 47	AREA AND LEVEL OF ORIGIN 50/53	HEIGHT (IN STOREYS) AND AREA 54
11	INITIAL DETECTION 55	EXTENT OF FIRE/EXTENT OF DAMAGE 56	ACT OR OMMISSION 57	SOURCE OF IGNITION 60
12	FUEL OR ENERGY ASSOCIATED WITH SOURCE OF IGNITION 63	MATERIAL FIRST IGNITED 64	FORM OF HEAT 67	OUTSIDE FIRE PROTECTION 69
13	FLAME SPREAD INTERIOR/FLAME SPREAD VERTICAL 70	FLAME SPREAD HORIZONTAL/ SMOKE SPREAD AVENUE 71	GENERAL CONSTRUCTION 72	YEAR OF CONSTRUCTION 72
14	NO. OF OCCUPANTS 74	VALUE OF RISK 74	MANUAL FIRE PROTECTION 75	SPRINKLER PROTECTION 75
15	AUTOMATIC FIRE DETECTION SYSTEM 76	FIXED SYSTEM OTHER THAN SPRINKLERS 77	PERFORMANCE OF AUTOMATIC EXTINGUISHING EQUIPMENT 78	FIRE SERVICE 78
16	TRANS. OF ALARM 79	RESPONSE TIME 79	ACTION TAKEN 80	METHOD FIRE CONTROL 80

17	MUTUAL AID ☐ REC'D ☐ GIVEN	FIRE DIST. NO	STATION NO	PLATOON NO	FORCIBLE ENTRY REQUIRED — YES ☐ NO ☐
18	TIME ALARM	ARRIVE FIRE	BACK IN SERVICE	NO. FIRE PERSONNEL USED AT SCENE	OFFICER IN CHARGE (NAME, POSITION, ASSIGNMENT)
19	WIND DIRECTION	WIND VELOCITY	TEMPERATURE	F.D. INCIDENT NO	F.D. LOCATION

CLAIMS ADJUSTER NAME	BRIEF DESCRIPTION OF FIRE: IF ADDITIONAL SPACE IS NECESSARY PLEASE USE AN ATTACHMENT
CLAIMS FIRM CLAIM NO	
INSURANCE COMPANY POLICY NO	
REPORTING DATE	TELEPHONE NO. (DURING NORMAL BUSINESS HOURS) OF PERSON MAKING REPORT
SIGNATURE	PRINT NAME OF PERSON MAKING REPORT

CF 40 (REV 83)

PLEASE PRESS FIRMLY, YOU ARE MAKING MULTIPLE COPIES - WRITE ON HARD SURFACE

Alberta
LABOUR
GENERAL SAFETY SERVICES DIVISION
FIRE PREVENTION BRANCH

FORWARD TWO COPIES TO:
FIRE PREVENTION BRANCH
#701, 10808 - 99 AVE.
EDMONTON, ALBERTA T5K 0G2

FIRE REPORT

FOR OFFICE USE ONLY

FIRE NUMBER	SUFFIX	TYPE

COMPLETE THIS FORM USING THE FIRE REPORT MANUAL

	DAY	MONTH	YEAR	DAY OF WK.	TIME	MUNICIPALITY WHERE INCIDENT OCCURRED	INCIDENT	AREA OR ZONE (IF APPLICABLE)	1ST	FINAL	CHANGE
01											

02	LOCATION OF FIRE INCIDENT - STREET NO. OR SEC. TWP. RANGE. MERIDIAN	ROOM/STE	TELEPHONE	
03	SURNAME OF OCCUPANT	INITIALS	INSURED YES NO	ADDRESS (OCCUPANT) / TELEPHONE
04	SURNAME OF OWNER	INITIALS	INSURED YES NO	ADDRESS (OWNER) / TELEPHONE
05	IF APPLICABLE TO VEHICLES-APPLIANCES OR OTHER EQUIPMENT LIST	MAKE	YEAR	MODEL / SERIAL NO. / LICENSE NO.

ENTER AMOUNTS BELOW TO THE NEAREST DOLLAR

06	BUILDING VALUE	BUILDING LOSS ESTIMATE	UNINSURED LOSS (BLDG.)	BUILDING CLAIM PAID
07	CONTENTS VALUE	CONTENTS LOSS ESTIMATE	UNINSURED LOSS (CONTENTS)	CONTENTS CLAIM PAID
08	TOTAL VALUE	TOTAL LOSS ESTIMATE	TOTAL UNINSURED LOSS	TOTAL CLAIM PAID

IF INJURIES OR DEATHS OCCURRED COMPLETE A FIRE CASUALTY REPORT FORM CF 42.

	INJURIES		CHILD (UNDER 16)		DEATHS		CHILD (UNDER 16)	
	MEN	WOMEN	CHILDREN	TOTAL	MEN	WOMEN	CHILDREN	TOTAL
09								

FOR OFFICE USE ONLY

MUNICIPALITY	ADJUSTOR	INVESTIGATION NO.	CENSUS DIV.

RED NUMBERS BELOW REFER TO PAGES IN THE FIRE REPORT MANUAL

10	PROPERTY CLASS 10	MAJOR OCCUPANCY 47	AREA AND LEVEL OF ORIGIN 50/53	HEIGHT (IN STORIES) AND AREA 54
11	INITIAL DETECTION 55	EXTENT OF FIRE/EXTENT OF DAMAGE 56	ACT OR OMISSION 57	SOURCE OF IGNITION 60
12	FUEL OR ENERGY ASSOCIATED WITH SOURCE OF IGNITION 63	MATERIAL FIRST IGNITED 64	FORM OF HEAT 67	OUTSIDE FIRE PROTECTION 69
13	FLAME SPREAD INTERIOR/FLAME SPREAD VERTICAL 70 (00)	FLAME SPREAD HORIZONTAL/ SMOKE SPREAD AVENUE 71 (00)	GENERAL CONSTRUCTION 72	YEAR OF CONSTRUCTION 72
14	MANUAL FIRE PROTECTION 75 (000)	AUTOMATIC FIRE DETECTION 15 76		

FIRE DEPARTMENT IN ATTENDANCE	CLAIMS ADJUSTER	CLAIMS FIRM	INSURANCE COMPANY
YES ☐ NO ☐	NAME	CLAIM NO.	POLICY NO.

REMARKS: Define circumstances under which fire originated. Specify the information coded above, more so with respect to source of ignition and act or omission

FIRE ORIGINATED ON PREMISES OF _____
NAME AND ADDRESS

WERE LOSS AND CLAIM REASONABLE? _____
IF NOT STATE REASON WHY

DO YOU RECOMMEND THAT RISK BE REVIEWED? _____
IF YES STATE REASON WHY

DID INSURED HAVE A PUBLIC ADJUSTER? _____
GIVE NAME AND ADDRESS

NAME OF MORTGAGEE _____

PREVIOUS CLAIMS (INCLUDE OTHER LOCATIONS) _____

DATE	SIGNATURE

NAME OF PERSON MAKING REPORT

CF 72 (REV 83)

FIRE CASUALTIES - FIRE CASUALTY REPORT

Where fires result in deaths or injuries, the additional information below is required for each fire death or injury.

AGE OF VICTIM

Note: If exact age not known, give an estimate to the nearest 10 years 01-98

SEX OF VICTIM

1. Male
2. Female

STATUS OF VICTIM

1. Firefighter
2. Civilian

NATURE OF CASUALTIES

1. Death
2. Injury, Minor
3. Injury, Light
4. Injury, Serious

NOTE: See page 5 for the definition of the fire injury categories.

CONDITION OF CASUALTY

CODES:

11. Asleep at time of fire.
12. Bedridden or other physical handicap.
13. Impairment by alcohol, drugs or medication.
14. Awake and no physical or mental impairment at the time of fire.
15. Under restraint or detention.
16. Too young to react to fire emergency.
17. Mental handicap (senile).
18. Left unattended (children).
19. Condition of Casualty - Unclassified (describe).
10. Condition of Casualty - Unknown.

ACTION OF CASUALTY

CODES:

21. Injured while attempting to escape.

22. Over-exertion, heart attack.
23. Voluntarily entered or remained for rescue purpose.
24. Voluntarily entered or remained for fire fighting.
25. Voluntarily entered or remained to save personal property.
26. Loss of judgement or panic.
27. Received delayed warning.
28. Did not act.
29. Action of Casualty - Unclassified (describe).
20. Action of Casualty - Unknown.

CAUSE OF FAILURE TO ESCAPE

CODES:

51. Trapped by rapid spreading of fire/smoke through vertical openings, stairways, elevators.
52. Trapped by rapid spreading of fire/smoke through horizontal openings.
53. High flame spread of combustible interior finish of walls, ceilings or floors.
54. Building collapse.
55. Falling debris.
56. Explosion.
57. Exit blocked, locked, or obstructed.
58. Outdoor fire, includes forest/brush fires.
59. Cause of Failure to Escape - Unclassified (describe).
50. Cause of Failure to Escape - Unknown.

IGNITION OF CLOTHING OR OTHER FABRICS

NOTE: If casualty asphyxiated code under "Not Applicable", Code 30.

CODES:

31. Outer clothing.
32. Sleepwear.
33. Underclothing.
34. Costume.
35. Bedding or bed linen.
36. Mattress or pillow.
37. Upholstered furniture.
38. Rugs.
39. Ignition of Clothing or Other Fabrics - Unclassified (describe).
30. Ignition of Clothing or Other Fabrics - Not Applicable.

TYPE OF FABRIC OR MATERIAL IGNITED

NOTE: If casualty asphxiated code under "Not Applicable", Code 40.

CODES:

41. Cotton.

42. Wool.
43. Other natural fibre.
45. Other synthetic fibre.
46. Mixture of fibres.
47. Rubber.
48. Plastic or plastic foam.
49. Type of Fabric or Material Ignited - Unclassified (describe).
40. Type of Fabric or Material Ignited - Not Applicable

WORLD HEALTH ORGANIZATION

ACCIDENT CATEGORIES E890 TO E899 - AS DESCRIBED IN THE MANUAL OF THE INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH EDITION OF THE WORLD HEALTH ORGANIZATION

ACCIDENTS CAUSED BY FIRES AND FLAMES (E890 to E899)

Includes: asphyxia or poisoning due to conflagration or ignition
burning by fire
secondary fires resulting from explosion

Excludes: arson (E968)
fire in or on:

transport vehicle other than stationary vehicle (E803-E845)

E890 - CONFLAGRATION IN PRIVATE DWELLING

Includes: conflagration in:

apartment	house
boarding house	lodging house
camping place	private garage
caravan	rooming house
farmhouse	tenement

conflagration originating from

sources classifiable to E893-E898 in the above buildings

E891 - CONFLAGRATION IN OTHER UNSPECIFIED BUILDING OR STRUCTURE

Conflagration in:

barn
church
convalescent and other residential home
dormitory of educational institution
factory

Conflagration in:

farm outbuildings
hospital
hotel
school
store
theatre

Conflagration originating from

sources classifiable to E893 - E898 in the above buildings

E892 - CONFLAGRATION NOT IN BUILDING OR STRUCTURE

Fire (uncontrolled) (in) (of):

forest
grass

hay
lumber
mine
prairie
transport vehicle (any) except while in transit
tunnel

E893 - ACCIDENT CAUSED BY IGNITION OF CLOTHING

Excludes: ignition of clothing:

from highly inflammable material (E894)
with conflagration (E890-E892)

E894 - IGNITION OF HIGHLY INFLAMMABLE MATERIAL

Ignition of:

benzine)
gasoline)
fat) (with ignition of clothing)
kerosene)
paraffin)
petrol)

Excludes: ignition of highly inflammable material with:

conflagration (E890-E892)
explosion (E923)

E895 - ACCIDENT CAUSED BY CONTROLLED FIRE IN PRIVATE DWELLING

Burning by (flame of) normal fire (charcoal) (coal) (electric) (gas) (wood) in:

brazier)
fireplace) in private dwelling (as listed in E890)
furnace)
stove)

Excludes: burning by hot objects not producing fire or flames (E924)
ignition of clothing from these sources (E893) with conflagration (E890)

E896 - ACCIDENT CAUSED BY CONTROLLED FIRE IN OTHER AND UNSPECIFIED BUILDING OR STRUCTURE

Burning by (flame of) normal fire (charcoal) (coal) (electric) (gas) (wood) in:

brazier)
fireplace) in other building or structure (as listed in E891)
furnace)
stove)

Excludes: burning by hot objects not producing fire or flames (E924)
ignition of clothing from these sources (E893) with conflagration (E891)

E897 - ACCIDENT CAUSED BY CONTROLLED FIRE NOT IN BUILDING OR STRUCTURE

Burns from flame of:

bonfire (controlled)
brazier fire (controlled), not in building or structure
trash fire (controlled)

Excludes: ignition of clothing from these sources (E893)
trash fire out of control (E892)
with conflagration (E892)

E898 - ACCIDENT CAUSED BY OTHER SPECIFIED FIRE AND FLAMES

Excludes: conflagration (E890-E892)
ignition of:
clothing (E893)) originating from
highly inflammable material (E894)) these sources

E899 - ACCIDENT CAUSED BY UNSPECIFIED FIRE:

Includes: burns NOS

Other deaths and injuries where fire is involved may also be recorded according to other Accident Categories of the Manual of the International Classification of Diseases - Ninth Revision. These classifications are as follows:

E803 - Railway Accident Involving Explosion, Fire or Burning
E812 - Motor Vehicle Traffic Accident involving Collision with Another Motor Vehicle
E813 - Motor Vehicle Traffic Accident involving Collision with Other Vehicle
E818 - Noncollision Motor Vehicle Traffic Accident
E823 - Motor Vehicle Non-traffic Accident involving Collision with Stationary Object
E825 - Motor Vehicle Non-traffic Accident of Other and Unspecified Nature
E831 - Accident to Watercraft
E840 - Accident to Powered Aircraft at Takeoff or Landing
E841 - Accident to Powered Aircraft, Other and Unspecified Nature
E845 - Accident Involving Spacecraft
E924 - Accident Caused by Hot Substance or Object, Caustic or Corrosive Material and Steam
E958 - Suicide and Self-Inflicted Injury by Other and Unspecified Means
E968 - Assault by Other and Unspecified Means

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FIRE PREVENTION BRANCH
#701, 10808 - 99 AVE
EDMONTON, ALBERTA T5K 0G2

A SEPARATE REPORT SHALL BE SUBMITTED
FOR EACH FIRE CASUALTY (DEATH OR INJURY)

FIRE CASUALTY REPORT

FIRE NUMBER | SUFFIX | TYPE 4 | 8 | 0

COMPLETE THIS FORM USING THE FIRE REPORT MANUAL
WHERE NECESSARY CHOOSE APPROPRIATE CODE AND PLACE IN SPACES PROVIDED

LOCATION OF FIRE | MUNICIPAL CODE

DATE OF FIRE: DAY | MONTH | YEAR | DAY OF WEEK (1. SUNDAY 7 SATURDAY) | TIME | INVESTIGATION NO 1

NAME OF VICTIM (SURNAME / INITIALS) | AGE 0 | SEX (M - MALE, F - FEMALE)

NATURE OF CASUALTY (1 DEATH, 2. MINOR INJURY, 3 LIGHT INJURY, 4 SERIOUS INJURY) | STATUS (1. FIREFIGHTER, 2. CIVILIAN) | W.H.O. CLASS | VICTIM NO

CONDITION OF CASUALTY

11 — Asleep at time of fire
12 — Bedridden or other physical handicap
13 — Impairment by alcohol, drugs or medication
14 — Awake and no physical or mental impairment at the time of fire
15 — Under restraint or detention
16 — Too young to react to fire emergency
17 — Mental handicap (senile)
18 — Left unattended (children)
19 — Condition of casualty - unclassified
10 — Condition of casualty - unknown

TYPE OF FABRIC OR MATERIAL

NOTE: If casualty asphyxiated code under "Not Applicable", code 40

41 — Cotton
42 — Wool
43 — Other natural fibre
45 — Other synthetic fibre
46 — Mixture of fibres
47 — Rubber
48 — Plastic or plastic foam
49 — Type of Fabric or Material Ignited - unclassified
40 — Type of Fabric or Material Ignited - not applicable

ACTION OF CASUALTY

21 — Injured while attempting to escape
22 — Overexertion, heart attack
23 — Voluntarily entered or remained for rescue purposes
24 — Voluntarily entered or remained for firefighting
25 — Voluntarily entered or remained to save personal property
26 — Loss of judgment or panic
27 — Received delayed warning
28 — Did not act
29 — Action of casualty - unclassified
20 — Action of casualty - unknown

CAUSE OF FAILURE TO ESCAPE

51 — Trapped by rapid spreading of fire/smoke, through vertical openings, stairways, elevators
52 — Trapped by rapid spreading of fire/smoke through horizontal openings
53 — High flame spread of combustible interior finish of walls, ceilings, or floors
54 — Building collapse
55 — Falling debris
56 — Explosion
57 — Exit blocked, locked, or obstructed
58 — Outdoor fire includes forest/brush fires
59 — Cause of Failure to Escape - unclassified
50 — Cause of Failure to Escape - unknown

IGNITION OF CLOTHING OR OTHER FABRICS

NOTE: If casualty asphyxiated code under "Not Applicable", code 30

31 — Outer clothing
32 — Sleepwear
33 — Underclothing
34 — Costume
35 — Bedding or bed linen
36 — Mattress or pillow
37 — Upholstered furniture
38 — Rugs
39 — Ignition of Clothing or Other Fabrics - unclassified
30 — Ignition of Clothing or Other Fabrics - not applicable

REMARKS:

DATE | SIGNATURE

POSITION OF PERSON REPORTING

SMOKE DETECTOR/ALARM REPORT

A smoke detector/alarm report is required when the applicable code for automatic fire detection system is a 03, 04, 07 or 11 (See line 15 on the Fire Report - page 76 of the manual).

MANUFACTURER OF DETECTOR OR ALARM

Print name of manufacturer.

MODEL NUMBER OF DETECTOR OR ALARM

Print model number.

WAS ALARM ACTIVATED?

If yes or unknown - indicate such and continue to line 05.

If no - indicate such, check the reason and continue to line 06.

IF ALARMS(S) ACTIVATED DID IT (THEY) ASSIST THE OCCUPANTS IN EVACUATING THE BUILDING?

If yes - indicate such and continue to line 06.

If no - indicate such, check the reason and continue to line 06.

NO. OF OCCUPANTS AT TIME OF FIRE IN BUILDING

Indicate the number of occupants according to each category (children, adults, senior citizens).

REMARKS

Indicate any additional information that may be relevant.

Alberta
LABOUR
GENERAL SAFETY SERVICES DIVISION
FIRE PREVENTION BRANCH

SMOKE DETECTOR/ALARM REPORT

FOR OFFICE USE ONLY

FIRE NUMBER	TYPE

For each residential and institutional fire where smoke detectors or smoke alarms exist, forward **original and one copy** with each Fire Loss Report to:

Fire Prevention Branch
#701, 10808 - 99 Avenue
Edmonton, Alberta T5K 0G2

01

Day	Month	Year	Day of Week	Time	Municipality

02

Location of Fire Incident - Street No. or Sec. TWP Range

Name of Owner/Occupant

03

Manufacturer of Detector or Alarm

Model Number of Detector or Alarm

04

Was Alarm Activated? Yes ☐ 1 No ☐ 2 Unknown ☐ 3

If "No" Check One of the Following:

Unsuitable Location	☐ 1	Mechanical Failure	☐ 6
No Battery	☐ 2	Not Enough Smoke	☐ 7
Dead Battery	☐ 3	Unknown	☐ 8
Electrical Current Off	☐ 4	Other (Specify) _____	☐ 9
Not Electrically Connected	☐ 5	_____	

NOTE:
Copies of test reports should be forwarded where available. If no test, forward unit to Fire Prevention Branch for testing.

05

If Alarm(s) Activated, did It(They) Assist the Occupants in Evacuating the Building?

Yes ☐ 1 No ☐ 2

If "No" Check One of the Following:

Alarm Inaudible	☐ 1	Unsuitable Location	☐ 5
Occupants(s) Unable to Respond	☐ 2	Unknown	☐ 6
Handicapped	☐ 3	Unnecessary to Evacuate	☐ 7
Under the Influence of Drugs/Alcohol	☐ 4	Other (Specify Below)	☐ 8

06

No. of Occupants at Time of Fire in Bldg.

Children (Under 16) _____

Adults (Under 65) _____

Senior Citizens _____

Remarks

_____
DATE

_____
SIGNATURE

Fire Department or Agency Reporting _____

CF 45 (REV 83)

N.L.C. - B.N.C.
3 3286 07363926 8